रजिस्ट्री सं. डीएल(एन)-04/0007/2003—05 REGISTERED No. DL(N)-04/0007/2003—05

भारत का राजपत्र
The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 49] नई दिल्ली, शनिवार, दिसम्बर 4—दिसम्बर 10, 2004 (अग्रहायण 13, 1926)

No. 49] NEW DELHI, SATURDAY, DECEMBER 4—DECEMBER 10, 2004 (AGRAHAYANA 13, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Kolkata, the 4th December 2004

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Territories of Daman and
Diu & Dadra and Nagar Haveli.

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Telegraphic Address "PATENTOFIC"
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Fax No. (011) 2587 1256.
E-mail: delhipatent@vsnl.net

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Guna Complex, 6th Floor, Annex-II,
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Chennai-600 018.

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Amindivi Islands.

Telegraphic Address "PATENTOFFIC"
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Fax Nos. (044) 2431 4750/4751.
E-mail. patentchennai @ vsnl. net

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
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Rest of India

Telegraphic Address "PATENTS"
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Fax Nos. (033) 2247 3851, 2240 1353.
E-mail. patentin @ vsnl. com
patindia @ giascl01.vsnl.net.in
Website : http://www. ipindia.nic.in

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 4 दिसम्बर 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्पाउंड,
लोअर परेल (वेस्ट),
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं
संघ शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता : "पेटोफिस"
फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852
फैक्स : (022) 2495 0622, 2490 3852
ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,
डब्ल्यू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिक"
फोन : (011) 2587 1255, 2587 1256, 2587 1257,
2587 1258.
फैक्स : (011) 2587 1256.
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3. पेटेंट कार्यालय शाखा,
गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप।
तार पता - "पेटेंटोफिक"
फोन : (044) 2431 4324/4325/4326.
फैक्स : (044) 2431 4750/4751.
ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6ठा व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"
फोन : (033) 2247 4401/4402/4403.
फैक्स : (033) 2247 3851, 2240 1353.
ई. मेल : patentin@vsnl.com
patindia@giascl01.vsnl.net.in
वेब साइट : http//www. ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

CORRIGENDUM (Delhi)

Under the headings "PATENTS SEALED (26.08.2004)" in the Gazette of India, Part-III, Section 2 dated 2nd October, 2004 please add the patent number 191646.

Application for the patent filed at The Patent Office, Kolkata.

29/10/2004

New Application No	Applicant Details
673/KOL/2004	N.K.PAL; West Bengal, India; "FORMULATION FOR USE IN JUTE WEAVING AND PROCESS,"
674/KOL/2004	LG ELECTRONICS INC.; , 31/05/2004, Republic of Korea; "SUPPORTING APPARATUS OF COMPRESSOR."
675/KOL/2004	VOLKMANN PETER -HANSEN; , 03/11/2003, Europe; "VAGINAL CARE COMPOSITION."
676/KOL/2004	MCNEIL-PPC ,INC; , 31/10/2003, United States of America; "DISCRETE ABSORBENT ARTICLES."
677/KOL/2004	ECI TELECOM LTD.; , 29/10/2003, Israel; "METHOD FOR REROUTING MPLS TRAFFIC IN RING NETWORKS."
678/KOL/2004	ENGELHARD CORPORATION.; , 08/04/1997, 25/03/1998, United States of America; "CATALYST COMPOSITION CONTAINING AN INTIMATELY COMBINED CERIUM-ZIRCONIUM OXIDE."

01/11/04

New Application No	Applicant Details
679/KOL/2004	OSRAM SYLVANIA INC.; , 12/11/2003, 01/07/2004, United States of America; "RE-ENTRANT CAVITY FLUORESCENT LAMP SYSTEM." ,
680/KOL/2004	DEGUSSA AG..; , 06/11/2003, Germany; "PROCESS FOR THE PREPARATION OF (MERCAPTOORGANYL) - ALKOXYSILANES."
681/KOL/2004	DEGUSSA AG..; , 06/11/2003, Germany; "CARBON BLACK."
682/KOL/2004	DEGUSSA AG..; , 06/11/2003, Germany; "PROCESS FOR PREPARING (MERCAPTOORGANYL) ALKOXYSILANES."

02/11/2004

New Application No	Applicant Details
683/KOL/2004	SANKAR HAZRA,; West Bengal, India; "AN EFFICIENT SYSTEM FOR POWER GENERATION."

03/11/04

New Application No	Applicant Details
684/KOL/2004	EAZYPOWER CORPORATION; , 12/05/2004, United States of America; "IMPACT DRIVER AND FASTENER REMOVAL DEVICE."
685/KOL/2004	LG ELECTRONICS INC.; ; "QUICK ICE-MAKING CONTROL METHODL OF ICE-MAKER FOR REFRIGERATOR."
686/KOL/2004	PROF. DILIP KUMAR CHAKRAVARTY ; West Bengal, India; "A PROCES FOR PREPARING SUBSTRATES FOR CULTIVATION OF BUTTON MUSHROOMS OF BOTH WINTER AND SUMMER VARIETIES."

04/11/04

New Application No	Applicant Details
684/KOL/2004	EAZYPOWER CORPORATION; , 12/05/2004, United States of America; "IMPACT DRIVER AND FASTENER REMOVAL DEVICE."
685/KOL/2004	LG ELECTRONICS INC.; ; "QUICK ICE-MAKING CONTROL METHODL OF ICE-MAKER FOR REFRIGERATOR."
686/KOL/2004	PROF. DILIP KUMAR CHAKRAVARTY ; West Bengal, India; "A PROCES FOR PREPARING SUBSTRATES FOR CULTIVATION OF BUTTON MUSHROOMS OF BOTH WINTER AND SUMMER VARIETIES."

National Phase Application for patent filed under PCT in KOLKATA.

655	649/KOLNP/2003	22/05/03	PCT/GB01/05242	November 28, 2001	COPPEREYE LTD.	DATA BASE	0029238.3	November 30, 2000
655	650/KOLNP/2003	22/05/03	PCT/EP01/12014	October 17, 2001	STAEDTLER & UHL	PORCUPINE CARD CLOTHING	100 59 602.9	November 30, 2000
657	651/KOLNP/2003	22/05/03	PCT/US01/45293	November 30, 2001	MEDAREX INC	TRANSGENIC TRANSCHOMOSOMAL RODENTS FOR MAKING HUMAN ANTIBODIES	60/250,340	November 30, 2000
658	652/KOLNP/2003	23/05/03	PCT/US01/49494	October 23, 2001	360 ENTERPRISES	ROTATIONAL DIRECTIONAL NOZZLE FOR TRIGGER SPRAYERS	09/695,688	October 24, 2000
659	653/KOLNP/2003	26/05/03	PCT/JP01/10279	November 26, 2001	MATSUSHITA REFRIGERATION COMPANY	HERMETIC COMPRESSOR AND FREEZING AIR-CONDITIONING SYSTEM	2000-359012	November 27, 2000
660	654/KOLNP/2003	26/05/03	PCT/JP01/10278	November 26, 2201	MATSUSHITA REFRIGERATION COMPANY	HERMETIC COMPRESSOR	2000-36229	November 29, 2000
661	655/KOLNP/2003	26/05/03	PCT/US01/48399	November 5, 2001	TREADYNE INC	TEST HEAD ACTUATION SYSTEM WITH POSITIONING AND COMPLIANT MODES	09/707,764	November 7, 2000
662	656/KOLNP/2003	26/05/03	PCT/US01/49695	November 7, 2001	NORTEL NETWORKS LIMITED	METHOD AND APPARATUS TO CONTROL HANDOFF BETWEEN DIFFERENT WIRELESS SYSTEMS	60/251,492	December 4, 2000

National Phase Application for patent filed under PCT in KOLKATA.

663	657/KOLNP/2003	26/05/03	PCT/SG01/00231	November 15, 2001	NATIONAL UNIVERSITY OF SIGAPORE AND OTHERS	METHOD AND APPARATUS FOR MANAGING PROCESSS TRANSITION	60/248,402	November 14, 2000
664	658/KOLNP/2003	26/05/03	PCT/US01/43557	November 21, 2001	WINAPHORIA NETWORKS INC	SYSTEMS AND METHOD OF PRESERVING POINT CODES IN A MOBJLE NETWORK HAVING A PROXY	09/721,563	November 22, 2000
665	659/KOLNP/2003	26/05/03	PCT/US01/43562	November 21, 2001	WINPHORIA NETWORKS INC	SYSTEM AND METHOD OF SIPHONING MESSAGES FROM A MOBILE NETWORK TO AN ALTERNATIVE NETWORK	09/721,564	November 22, 2000
666	660/KOLNP/2003	26/05/03	PCT/DE01/04906	December 27, 2001	INFENEON TECHNOLOGIES AG.	SCHOTTKY DIODE	101 01 081.8	January 11, 2001
667	661/KOLNP/2003	26/05/03	PCT/EP01/14156	December 4, 2001	THOMSON LICENSING S.A.	METHOD OF SECURE TRANSMISSION OF DIGITAL DATA FROM A SOURCE TO A RECEIVER	00/15894	December 7, 2000
668	662/KOLNP/2003	26/05/03	PCT/JP01/10519	November 30, 2001	MATSUSHITA ELECTRIC INDUSTRIAL CO LTD. AND OTHERS	SPEECH DECODING APPARATUS AND SPEECH DECODING METHOD	2000-366342	November 30, 2000
669	663/KOLNP/2003	26/05/03	PCT/EP01/12526	October 30, 2001	MERCK PATENT GMBH	METHODS AND COMPOSITIONS FOR THE TREATMENT OF DISEASES OF THE EYE	00124817.8	November 1, 2000

National Phase Application for patent filed under PCT in KOLKATA.

670	664/KOLNP/2003	26/05/03	PCT/JP01/10332	November 27, 2001	NIPPON TELEGRAPH AND TELEPHONE CORPORATION AND MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	SPPEECH PARAMETER,CODING AND DECODING METHODS,CODER AND DECODER,AND PROGRAMS,AND SPEECH CODING AND DECODING METHODS,CODER AND DECODER,AND PROGRAMS	2000-359311	November 27, 2000
671	665/KOLNP/2003	27/05/03	PCT/EP01/14534	December 11, 2001	HANSEN BERND	METHOD AND DEVICE FOR THE PRODUCTION AND FILLING OF CONTAINERS	100 63 282.3	December 19, 2000
672	666/KOLNP/2003	27/05/03	PCT/US01/47345	November 13, 2001	INTERNET ACCESS TECHNOLOGIES INC	REMOTE PRINTING	60/248,467	November 14, 2000
673	667/KOLNP/2003	27/05/03	PCT/JP01/10425	November 29, 2001	MATSUSHIYA ELECTRIC INDUSTRIAL CO.LTD. AND NIPPON TELEGRAPH AND TELEPHONE CORPORATION	LPC VECTOR QUANTIZATION APPARATUS	2000-366191	November 30, 2000
674	668/KOLNP/2003	27/05/03	PCT/AU01/01380	October 26, 2001	SHARETECH SOFTWARE PTY LTD.	A TRADING SYSTEM	PR1097	October 27, 2000
675	669/KOLNP/2003	27/05/03	PCT/DE01/04674	December 13, 2001	SIEMENS AG	FUEL PUMP FOR MOTOR VEHICLE	100 62 452.9	December 14, 2000
676	670/KOLNP/2003	27/05/03	PCT/DE01/04675	December 13, 2001	SIEMENS AG	FEED PUMP	100 62 451.0	December 14, 2000
677	671/KOLNP/2003	27/05/03	PCT/DE01/04570	December 5, 2001	EPCOS AG.	ELECTRICAL DOUBLE LAYER CAPACITOR	100 60 653.9	December 6, 2000

National Phase Application for patent filed under PCT in KOLKATA.

678	672/KOLNP/2003	27/05/03	PCT/DE01/04421	November 20, 2001	SIEMENS AG.	DRIVE TRAIN FOR A MOVING CONTACT OF AN ELECTRICAL SWITCH	100 60 195.2	November 24, 2000
679	673/KOLNP/2003	27/05/03	PCT/DE01/02984	August 3, 2001	SIEMENS AG.	DEVICE FOR GROUNDING A SWITCHING DEVICE ARRANGED MOVEABLY IN A WITHDRAWABLE PART RACK	200 20 401.7	November 23, 2000
680	674/KOLNP/2003	27/05/03	PCT/JP01/10489	November 30, 2001	JGC CORPORATION	METHOD OF REFINING PETROLEUM	2000-366013	November 30, 2000
681	675/KOLNP/2003	27/05/03	PCT/US01/44721	November 28, 2001	INTEL CORPORATION	VIA-IN-PAD WITH OFF-CENTER GEOMETRY AND METHODS OF MANUFACTURE	09/751,614	December 29, 2000
682	676/KOLNP/2003	27/05/03	PCT/US01/44878	November 28, 2001	INTEL CORPORATION	MULTIPLE TIER ARRAY CAPACITOR AND METHODS OF FABRICATION THEREOF	09/751,612	December 29, 2000
683	677/KOLNP/2003	27/05/03	PCT/US01/43160	November 27, 2001	WYETH	PIPERAZINE DERIVATIVES, THEIR PREPARATION AND THEIR USE FOR TREATING CENTRAL NERVOUS SYSTEM (CNS) DISORDERS	60/253,301	November 28, 2000
684	678/KOLNP/2003	27/05/03	PCT/AT01/00384	November 28, 2001	KIRCHBERGER ROLAND	A FOUR-STOKE INTERNAL COMBUSTION ENGINE	A 2011/2000	November 30, 2000
685	679/KOLNP/2003	28/05/03	PCT/CN01/01647	December 26, 2001	HON, DAVID TAK-WEL	REINFORCEMENT MECHANISM FOR THE FOLDING JOINT OF A SINGLE-MAIN-BEAM FORLDING BICYCLE	00260163.X	December 27, 2000

National Phase Application for patent filed under PCT in KOLKATA

686	680/KOLNP/2003	29/05/03	PCT/KR01/01977	November 19, 2001	SK CORPORATION	PROCESS FOR PRODUCING AROMATIC HYDROCARBON COMPOUNDS AND LIQUEFIED PETROLEUM GAS FROM HYDROCARBON FEEDSTOCK	2000/71959	November 30, 2000
687	681/KOLNP/2003	29/05/03	PCT/US01/44271	November 27, 2001	TERADYNE INC	MECHANISM FOR CLAMPING DEVICE INTERFACE BOARD TO PERIPHERAL	60/253,916	November 7, 2000
688	682/KOLNP/2003	29/05/03	PCT/US01/46380	November 27, 2001	TERADYNE INC	CALIBRATING SINGLE ENDED CHANNELS FOR OBTAINING DIFFERENTIAL PERFORMANCE LEVEL	09/735,261	December 12, 2000
689	683/KOLNP/2003	29/05/03	PCT/IB01/02792	November 29, 2001	LAFAYETTE SOFTWARE INC	METHOD OF ORGANIZING DATA AND PROCESSING QUERIES IN A DATABASE SYSTEM,AND DATABASE SYSTEM AND SOFTWARE PRODUCT FOR IMPLEMENTING SUCH METHODS	00403329.6	November 29, 2000
690	684/KOLNP/2003	29/05/03	PCT/US01/51436	November 20, 2001	ISCREEN LLC	SYSTEM AND METHOD FO REYE SCREENING	09/718.058	November 21, 2000
691	685/KOLNP/2003	29/05/03	PCT/EP01/12544	October 30, 2001	STARZONE GMBH	METHOD FOR LINKING DIFFERENT TARGET GROUPS AND CORRESPONDING SYSTEM FOR CARRYING OUT THIS METHOD	100 53 738.3	October 30, 2000
692	686/KOLNP/2003	29/05/03	PCT/FI01/01043	November 29, 2001	MILFOAM OY	METHOD AND DEVICEFOR CLEANING THE BARRIER OF THE GUN	20002621	November 29, 2000

National Phase Application for patent filed under PCT in KOLKATA.

693	687/KOLNP/2003	29/05/03	PCT/US01/46227	October 29, 2001	MAXYGEN,INC AND OTHERS	NOVEL GLYPHOSATE N-ACETYLTRANSFER (GAT) GENES	60/224,385	October 30, 2000
694	688/KOLNP/2003	30/05/03	PCT/EP01/14350	December 6, 2001	INFINEON TECHNOLOGIES AG.	METHOD OF AND APARATUS FOR DETERMINING A KEY PAIR AND FOR GENERAITN RSA KEYS	100 61 697.6	December 12, 2000
695	689/KOLNP/2003	30/05/03	PCT/EP02/00732	January 24, 2002	INFINEON TECHNOLOGIES AG.	RANDOM NUMBER GENERATOR AND METHOD FOR GENERATING A RANDOM NUMBER	101 03 071.1	January 24, 2001
696	690/KOLNP/2003	30/05/03	PCT/DE02/00093	January 15, 2002	INFINEON TECHNOLOGIES AG.	MICROPROCESSOR CIRCUIT FOR PORATABLE DATA CARRIER	101 02 202.6	January 18, 2001
697	691/KOLNP/2003	30/05/03	PCT/US01/49040	December 18, 2001	THOMSON LICENSING SA	DEDICATED CHANNEL FOR DISPLAYING PROGRAMS	09/742,621	December 21, 2000
698	692/KOLNP/2003	30/05/03	PCT/US01/48789	December 18, 2001	THOMSON LICENSING SA	AUTOMATIC CHROMA CONTROL CIRCUIT WITH CONTROLLED SATURATION REDUCTION	09/745,223	December 21, 2000
699	693/KOLNP/2003	30/05/03	PCT/US01/48365	December 10, 2001	THOMSON LICENSING S.A.	METHOD AND SYSTEM FOR MPEG CHROMA DE-INTERLACING	60/257,723	December 22, 2000
700	694/KOLNP/2003	30/05/03	PCT/GB01/05441	December 10, 2001	TBS ENGINEERING LIMITED	MOULDING APPARATUS	0030063.2	December 9, 2000
701	695/KOLNP/2003	30/05/03	PCT/DE01/04729	December 17, 2001	SIEMENS AG.	FILLING LEVEL SENSOR	100 64 591.7	December 22, 2000
702	696/KOLNP/2003	30/05/03	PCT/GB01/05526	December 12, 2001	TULARIK LIMITED	SERINE PROTEASE INHIBITORS	PCT/GB0 0/04784	December 13, 2000
703	697/KOLNP/2003	30/05/03	PCT/US01/47119	November 13, 2001	PATTERSON BRUCE K,M.D.	PROCESS FOR DETECTING LOW ABUNDANCE RNA IN INTACT CELLS	09/728832	November 30, 2000

National Phase Application for patent filed under PCT in KOLKATA.

704	698/KOLNP/2003	30/05/03	PCT/FR01/03956	December 12, 2001	SAINT-GOBAIN GLASS FRANCE	PROCESS FOR THE MANUFACTURE OF A MULTILAYER PRODUCT,APPLICATION OF THE PROCESS AND USE OF AN ASSOCIATED ADHESION PROMOTER	00/16648	December 20, 2000
705	699/KOLNP/2003	2/06/03	PCT/GB01/04874	November 2, 2001	MARKS,SIMEON	IMPLEMENT HOLDER	0026770.8	November 2, 2000
706	700/KOLNP/2003	2/06/03	PCT/JP01/10935	December 13, 2001	IHI AEROSPACE CO.LTD.	MESSAGE SUPPLY SYSTEM	2000-380031	December 14, 2000
707	701/KOLNP/2003	2/06/03	PCT/US01/44446	November 28, 2001	BRISTOL COMPRESSORS INC	COMPRESSOR UTILIZING SHELL WITH LOW PRESSURE SIDE MOTOR AND HIGH PRESSURE SIDE OIL	09/726,606	December 1, 2000
708	702/KOLNP/2003	2/06/03	PCT/IT02/00652	October 11, 2002	NACO INTERNATIONAL B.V.	PROCESS FOR RECOVERING AND RECYCLING COMPOUNDS CONTAINED IN EFFLUENTS OF DELIGNIFICATION AND BLEACHING PROCESSES IN PULP MILLS	MI2001 A 002119	October 12, 2001
709	703/KOLNP/2003	2/06/03	PCT/US01/34759	October 30, 2002	SKF USA INC	UNITIZED TONE RING ASSEMBLY		November 2, 2001
710	704/KOLNP/2003	2/06/03	PCT/JP02/11793	November 12, 2002	JAPAN METAL GASKET CO.LTD.	METALLIC GASKET		
711	705/KOLNP/2003	2/06/03	PCT/JP02/11794	November 12, 2002	JAPAN METAL GASKET CO,LTD.	METALLIC GASKET		

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712	706/KOLNP/2003	2/06/03	PCT/.JP02/11795	November 12, 2002	JAPAN METAL GSKET CO,LTD.	METALLIC GASKET	2002-102437	April 4, 2002
713	707/KOLNP/2003	2/06/03	PCT/EP01/14161	December 4, 2001	THOMSON LICENSING S.A.	DEVICE FOR SEPARATING TRANSMISSION AND RECEPTION SIGNALS	00/16281	December 14, 2000.
714	708/KOLNP/2003	2/06/03	PCT/US01/51606	November 15, 2001	JOHNSON & JOHNSON VISION CARE INC	HIGH OPTICAL QUALITU MOLDS FOR USE IN CONTACT LENS PRODUCTION	09/727,874	December 1, 2000
715	709/KOLNP/2003	2/06/03	PCT/DE01/04181	November 7, 2001	INFINEON TECHNOLOGIES AG	CONTACTLESS DATA STORAGE MEDIUM	100 56 148.9	November 13, 2000
716	710/KOLNP/2003	2/06/03	PCT/CH01/00717	December 17, 2001	NETSAL-MASCHINEN AG	METHOD AND DEVICE FOR INJECTION MOLDING OF WEIGHT PRECISE FLAT OF OPTICAL DATA CARRIER	2533/00	December 22, 2000
717	711/KOLNP/2003	3/06/03	PCT/IL01/01105	November 29, 2001	RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH AND INDUSTRIAL DEVELOPMENT LTD.	ANTI-PROLIFERATIVE DRUGS	139975	November 29, 2000
718	712/KOLNP/2003	3/06/03	PCT/US01/50063	December 20, 2001	THOMSON LICENSING S.A.	DELIVERING VIDEO OVER AN ATM/DSL NETWORK USING A MULTI-LAYERED VIDEO CODING SYSTEM	09/745,215	December 21, 2000
719	713/KOLNP/2003	3/06/03	PCT/IB01/02415	December 12, 2001	EATON CORPORATION	TRANSMISSION SYSTEM UTILIZING CENTRIFUGAL CLUTCH	60/255,358	December 13, 2000

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720	714/KOLNP/2003	3/06/03	PCT/ZA01/00196	December 10, 2001	FORETOP CORPORATION	PROCESS AND GAS GENERATOR FOR GENERATING FUEL GAS	100 61 472.8	December 8, 2000
721	715/KOLNP/2003	3/06/03	PCT/US01/47958	December 6, 2001	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	COMPOUNDS WHICH MIMIC THE CHEMICAL AND BIOLOGICAL PROPERTIES OF DISCODERMOLIDE	09/730,929	December 6, 2000
722	716/KOLNP/2003	3/06/03	PCT/GB01/05593	December 14, 2001	IMPACT ENGIBEERING SOLUTIONS LIMITED	DRILLING SYSTEM AND METHOD	09/737,851	December 18, 2000
723	717/KOLNP/2003	3/06/03	PCT/GB01/05400	December 6, 2001	GLAXO GROUP LIMITED	1,2,4-OXADIAZOLE DERIVATIVES AS HPPAR ALPHA AGONISTS	0029974.3	December 8, 2000
724	718/KOLNP/2003	3/06/03	PCT/AU01/01646	December 20, 2001	BHP STEEL LIMITED	METAL ROOF TRUSS	PR2284	December 28, 2000
725	719/KOLNP/2003	4/06/03	PCT/GB01/05595	December 6, 2001	GLAXO GROUP LIMITED	NITRIC OXIDE SYNTHASE INHIBITOR PHOSPHATE SALT	0031179.5	December 21, 2000
726	720/KOLNP/2003	4/06/03	PCT/SE02/00124	January 25, 2002	THYSELL HAKAN AND OTHERS	ARRANGEMENT IN A MOBILE MACHINE FOR SCREEDING FLOOR SURFACES	0100416-7	February 6, 2001
727	721/KOLNP/2003	4/06/03	PCT/US01/51146	November 2, 2001	E TREPPID TECHNOLOGIES LLC	METHOD AND APARATUS FOR ENCODING INFORMATION USING MULTIPLE PASSES AND DCODING IN A SINGLE PASS	09/727,096	November 29, 2000
728	722/KOLNP/2003	4/06/03	PCT/JP02/00626	January 29, 2002	OTSUKA PHARMACEUTICAL CO.	5-HT1A RECEPTOR SUBTYPE AGONIST	09/770,210	January 29, 2001

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729	723/KOLNP/2003	5/06/03	PCT/FI01/01073	December 7, 2001	KONE CORPORATION	ELEVATOR HOIST ROPE THIN HIGH-STRENGTH WIRES	20002700	December 8, 2000
730	724/KOLNP/2003	5/06/03	PCT/FI02/00500	June 7, 2002	KONE CORPORATION	ELEVATOR	20011339	June 21, 2001
731	725/KOLNP/2003	5/06/03	PCT/FR02/00457	February 6, 2002	SAINT GOBAIN GLASS FRANCE	PROCESS FOR MANAGING A PHOTOVOLTAIC SOLAR MODULE AND PHOTOVOLTAIC SOLAR MODULE	101 07 600.2	February 17, 2001
732	726/KOLNP/2003	5/06/03	PCT/US02/00502	January 17, 2002	ELI LILLY AND CO.	BENZENESULFONIC ACID INDOL-5-YL ESTERS AS ANTAGONISTS OF THE 5-HT6 RECEPTOR	60/264,998	January 30, 2001
733	727/KOLNP/2003	6/06/03	PCT/US01/47530	December 5, 2001	ORTHO MCNEIL PHARMACEUTICAL INC.	6-0 CARBAMOYL KETOLIDE DERIVATIVES OF ERUTHROMYCIN USEFUL AS ANTIBACTERIALS	60/251,947	December 6, 2000
734	726/KOLNP/2003	9/06/03	PCT/KR01/02129	December 8, 2001	KMW INC.	BASE TRANSCEIVER STATION HAVEING MULTIBEAM COTROLLABLE ANTENNA SYSTEM	2000/74843	December 8, 2000
735	729/KOLNP/2003	6/06/03	PCT/US01/47902	December 10, 2001	JOHNSON & JOHNSON VISION CARE INC.	DYNAMICALLY STABILIZED CONTACT LENSES	09/732,547	December 8, 2000
736	730/KOLNP/2003	6/06/03	PCT/US01/48245	December 10, 2001	JOHNSON & JOHNSON VISION CARE INC.	OCULAR ABERRATION CORRECTION TAKING INTO ACCOUNT FLUCTUATIONS DUE TO BIOPHYSICAL RHYTHMS	09/732,637	December 8, 2000

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737	731/KOLNP/2003	6/06/03	PCT/US01/45260	October 31, 2001	ADC ACQUISITION COMPANY	METHOD TO REINFORCE THIN WALL THERMOPLASTIC STORAGE VESSLES	09/726,252	November 30, 2000
738	732/KOLNP/2003	6/06/03	PCT/FR01/03298	October 24, 2001	SAINT-GOBAIN VETROTEX FRANCE S.A.	PROCESS AND ARRARATUS FOR MANUFACTURING A STRAND COMPRISING GLASS FILAMENTS	00/15743	December 5, 2000
739	733/KOLNP/2003	6/06/03	PCT/US01/45105	December 3, 2001	WYETH	METHODS AND CELLS FOR DETECTING MODULATORS OF ERGS PROTEINS	60/250,147	December 1, 2000
740	734/KOLNP/2003	6/06/03	PCT/US01/46344	November 8, 2001	BIO-CONCEPT LABORATORIES	IMPROVED OPTHALAMIC AND CONTACT LENS SOLUTIONS CONTAINING SIMPLE SACCHARIDES AS PRESERVATIVE ENHANCERS	60/246,870	November 8, 2000
741	735/KOLNP/2003	6/06/03	PCT/JP01/07728	September 6, 2001	FUMAKILLA LIMITED	WHOLE HEATED, CHEMICAL CONTAINING BODY, CHEMICAL CONTAINING BODY RETAINING RECEPTACLE, CHEMICAL HEATING, VOLATILIZING APPARATUS AND INDICATOR FOR A HEAT VOLATILIZING CHEMICAL	2001-20007	January 29, 2001
742	736/KOLNP/2003	9/06/03	PCT/EP01/14014	December 3, 2001	GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO UK	BRUSH PART FOR ELECTRIC TOOTHBRUSH	0029813.3	December 7, 2000

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743	737/KOLNP/2003	9/06/03	PCT/JP01/10158	November 21, 2001	JAPAN AUTOMATIC DOOR CO., LTD,	RAIL STRUCTURE FOR THE DOOR	2000-008827 U	December 14, 2000
744	738/KOLNP/2003	9/06/03	PCT/EP01/15019	December 19, 2001	COM-RESEARCH GMBH SOLUTIONS FOR COMMUNICATION SYSTEMS,	METHOD FOR CANCELLING INTERFERENCE DURING TDMA TRANSMISSION AND/OR FDMA TRANSMISSION	00128664.0	December 28, 2000
745	739/KOLNP/2003	9/06/03	PCT/US01/51605	December 19, 2001	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	METHOD AND COPOSITIONS EMPLOYING FORMULATIONS OF LECITHIN OILS AND NSAIDS FOR PROTECTING THE GASTROINTESTINAL TRACT AND PROVIDING ENHANCED THERAPEUTIC ACTIVITY	60/256,711	December 19, 2000
746	740/KOLNP/2003	9/06/03	PCT/US01/50038	December 21, 2001	NEUROGEN CORPORATION AND PFIZER INC.	BENZIMIDAZOLE AND PYRIDYLIMIDAZOLE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS	60/257,498	December 21, 2000
747	741/KOLNP/2003	9/06/03	PCT/US01/47689	December 6, 2001	ORTHO MCNEIL PHARMACEUTICAL INC.	IMIDAZOLYL-SUBSTITUTED PYRROLINE COMPOUNDS AS KINASE INHIBITORS.	60/254,166	December 8, 2000
748	742/KOLNP/2003	9/06/03	PCT/US01/44022	November 14, 2001	JOHNSON & JOHNSON VISION CARE INC.	CONTACT LENS PACKAGING SOLUTIONS	09/731,553	December 7, 2000

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749	743/KOLNP/2003	9/06/03	PCT/US01/48244	December 10, 2001	JOHNSON & JOHNSON VISION CARE INC.	COMPOSITE SURFACE CONTACT LENSES	09/732,646	December 8, 2000
750	744/KOLNP/2003	10/06/03	PCT/EP01/12325	October 25, 2001	MERCK PATENT GMBH	NOVEL USES OF COMBINED SELECTIVE DOPAMINE D2 RECEPTOR ANTAGONISTS AND 5-HT 1A RECEPTOR AGONISTS.	00124814.5	November 14, 2000
751	745/KOLNP/2003	10/06/03	PCT/EP01/11952	October 16, 2001	MERCK PATENT GMBH.	NOVEL USES OF COMBINED 5-HT 1A AGONISTS AND SEROTININ REUPTAKE INHIBITORS.	00124815.2	November 14, 2000
752	746/KOLNP/2003	10/06/03	PCT/CZ01/00076	December 19, 2001	AMTEK,SPOL .S R.O.	KNITTING MACHINE	PV 2000-4931	December 29, 2000
753	747/KOLNP/2003	10/06/03	PCT/CZ01/00077	December 19, 2001	AMTEK,SPOL , S R.O.	CIRCULAR KNITTING MACHINE	PV 2000-4932	December 29, 2000
754	748/KOLNP/2003	10/06/03	PCT/CZ01/00078	December 19, 2001	AMTEK SPOL,S R.O	CIRCULAR KNITTING MACHINE	PV 4933-00	December 29, 2000
755	749/KOLNP/2003	10/06/03	PCT/CN00/00577	December 15, 2000	CHINA PERO CHEMICAL CORPORATION AND OTHERS	SUPPORTED CATALYST FOR ETHYLENE(CO) POLYMERIZATION,PREPARATION AND USE OF THE SAME	NONE	
756	750/KOLNP/2003	10/06/03	PCT/FR01/03756	November 28, 2001	SAINT-GOBAIN GLASS FRANCE,	GLASS SUBSTRATE PROVIDED WITH RAISED GLASS ELEMENTS	00/17362	December 22, 2000
757	751/KOLNP/2003	10/06/03	PCT/IB00/01946	November 27, 2000	BOMSUND GRUPO ASESOR.S.L.	POLYSACCHARIDE COMPOUND HAVING IMMUNE STIMULATING ACTIVITY	NONE	

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758	752/KOLNP/2003	10/06/03	PCT/IT00/00516	December 13, 2000	PALUMBO FABIO & OTHERS	A METHOD FOR DELIVERING DATA OR CODE SEGMENTS TO A LOCAL COMPUTER IN A DOSTRIBUTED COMPUTER NETWORK	NONE	
759	753/KOLNP/2003	10/06/03	PCT/IB00/01947	November 27, 2000	BOMSUND GRUPO ASESOR.S.L.	PROCESS FOR PREPARING AQUEOUS EXTRACTS OF PLANTS AND EXTRACTS SO OBTAINED	NONE	
760	754/KOLNP/2003	10/06/03	PCT/US01/47851	December 11, 2001	FLEXPLAY TECHNOLOGIES INC.	LIMITING SHELF LIFE FOR LIMITED PLAY OPTICAL INFORMATION STORAGE MEDIA	60/254,608	December 11, 2000
761	755/KOLNP/2003	10/06/03	PCT/US01/48029	December 11, 2001	FLEXPLAY TECHNOLOGIES, INC.	LIGHTFAST LIMITED REPLAY DISK AND METHOD OF USE	60/254,610	December 11, 2000
762	756/KOLNP/2003	11/06/03	PCT/US02/00318	January 2, 2002	INTEL CORPORATION,	EMBEDDING DIGITAL SIGNATURES INTO DIGITAL PAYLOADS	09/753,870	January 3, 2001
763	757/KOLNP/2003	11/06/03	PCT/US01/49230	December 19, 2001	GLAXO GROUP LIMITED,	THIAZOLE DERIVATIVES FOR TREATING PPAR RELATED DISORDERS	0031107.6	December 20, 2000
764	758/KOLNP/2003	11/06/03	PCT/EP01/14950	December 18, 2001	AISAPACK HOLDING S.A.	MULTIPLE CHAMBER TUBE	100 63 211.4	December 19, 2000
765	759/KOLNP/2003	11/06/03	PCT/IT02/00004	January 8, 2002	SAES GETTERS S.P.A.,	A METHOD FOR MEASURING THE CONCENTRATION OF IMPURITIES IN HELIUM BY ION MOBILITY SPECTROMETRY	MIO1A000018	January 8, 2001
766	760/KOLNP/2003	11/06/03	PCT/AU01/01474	November 14, 2001	AUSTECH STERILE RESOURCE RECOVERY PTY LTD,	DECONTAMINATION OF ANIMAL FEED CONTAINING PRION (EG. BSE SGENT)	PR 1527	November 15, 2000

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767	761/KOLNP/2003	11/06/03	PCT/EP01/13279	November 16, 2001	INFINEON TECHNOLOGIES AG.	CRYPTOGRAPHIC PROCESSOR	100 61 998.3	December 13, 2000
768	762/KOLNP/2003	11/06/03	PCT/EP01/14349	December 6, 2001	INFINEON TECHNOLOGIES AG	CRYPTOGRAPHY PROCESSOR	100 61 997.5	December 13, 2000
769	763/KOLNP/2003	11/06/03	PCT/EP01/14803	December 14, 2001	INTERNATIONAL FLAVORS & FRAGRANCES INC.	METHOD AND DEVICE FOR SCENT CONTROL	100 62 630.0	December 15, 2000
770	764/KOLNP/2003	12/06/03	PCT/JP01/11652	November 8, 2002	TOKAI UNIVERSITY EDUCATIONAL SYSTEM	FLUID POWER GENERATOR	2001-342926	November 8, 2001
771	765/KOLNP/2003	12/06/03	PCT/JP02/11653	November 8, 2002	TOKAI UNIVERSITY EDUCATIONAL SYSTEM	INTEGRATED WIND AND WATER TURBINE AND METHOD OF MANUFACTURING THE WHEEL	2001-344602	November 9, 2001
772	766/KOLNP/2003	12/06/03	PCT/JP02/11654	November 8, 2002	TOKAI UNIVERSITY EDUCATIONAL SYSTEM	FLUID POWER GENERATOR	2001-342927	November 8, 2001
773	767/KOLNP/2003	12/06/03	PCT/JP02/11655	November 8, 2002	TOKAI UNIVERSITY EDUCATIONAL SYSTEM	STRAIT WINF TYPE WIND AND WATER TURBINE	2001-342925	November 8, 2001
774	768/KOLNP/2003	12/06/03	PCT/JP01/11158	December 19, 2001	MITSUBA CORPORATION	MAGNET RETAINING ARRANGEMENT FOR A ROTOR ASSEMBLY	2000-390122	December 22, 2000
775	769/KOLNP/2003	12/06/03	PCT/US01/31778	October 10, 2001	ALSTOM (SWITZERLAND) LTD.	A RECUPERATIVE AND CONDUCTIVE HEAT TRANSFER SYSTEM	09/740.356	December 18, 2000
776	770/KOLNP/2003	12/06/03	PCT/DE01/04495	November 27, 2001	SIEMENS AKTIENGESELLSCHAFT	CONTACT ARRANGEMENT FOR A VACUUM INTERRUPTER	100 65 091.0	December 21, 2000

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777	771/KOLNP/2003	12/06/03	PCT/US01/47886	December 6, 2001	ORTHO-MCNELL PHARMACEUTICAL,INC.	MACROHETEROCYLIC COMPOUNDS USEFUL AS KINASE INHIBITORS	60/254,161	December 8, 2000
778	772/KOLNP/2003	13/06/03	PCT/US01/48582	December 6, 2001	NOKIA INTELLEGENT EDGE ROUTERS INC	ROUTER AND ROUTING PROTOCOL REDUNDANCY	09/733,284	December 7, 2000
779	773/KOLNP/2003	13/06/03	PCT/US01/48707	December 17, 2001	PROBIOHEALTH LLC	PROVIOTIC COMPOUNDS DERIVED FROM LACTOBACILLUS CASE STRAIN KE01	60/256,528	December 18, 2000
780	774/KOLNP/2003	13/06/03	PCT/US01/43117	November 16, 2001	NEW RIVER PHARMACEUTICALS INC	A NOVEL PHARMACEUTICAL COMPOUND AND METHODS OF MAKING AND USING SAME	60/248,535	November 16, 2000
781	775/KOLNP/2003	13/06/03	PCT/US01/43089	November 14, 2001	NEW RIVER PHARMACEUTICALS INC	A NOVEL PHARMACEUTICAL COPOUND CONTAINING ABACAVIR SULFATE AND METHODS OF MAKING AND USING SAME	60/247,561	November 14, 2000
782	776/KOLNP/2003	13/06/03	PCT/EP01/14743	December 14, 2001	TETRA LAVAL HOLDINGS & FINANCE S,A,	DEVICE FOR THE PRODUCTION OF PLASTIC CONTAINERS BY MEANS OF STRETCH BLOW MOULDING	100 65 852.8	December 29, 2000
783	777/KOLNP/2003	13/06/03	PCT/JP01/11201	December 20, 2001	SANKYO COMPANY LIMITED AND OTHERS	PHARMACEUTICAL COMPOSITION COMPRISING ASPIRIN	2000-392983	December 25, 2000

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784	778/KOLNP/2003	13/06/03	PCT/EP01/12686	November 2, 2001	MERCK PATENT GMBH	NOVEL USE OF COMPOUND 5-HT1A AGONISTS AND SELECTIVE SEROTONIN REUPTAKE INHIBITORS	00125409.3	November 20, 2000
785	779/KOLNP/2003	13/06/03	PCT/US01/48862	December 13, 2001	ORTHO MCNEIL PHARMACEUTICAL INC	STEROID HORMONE PRODUCTS AND METHODS FOR PREAPRING THEM	60/255,669	December 14, 2000
786	780/KOLNP/2003	16/06/03	PCT/GB01/05497	December 13, 2001	BSW LIMITED	PIPE COUPLING	0030472.5	December 14, 2000
787	781/KOLNP/2003	16/06/03	PCT/US01/44650	November 20, 2001	INTEL CORPORATION	ELECTRONIC ASSEMBLY WITH HIGH CAPACITY THERMAL INTERFACE AND METHODS OF MANUFACTURE	09/737,117	December 14, 2000
788	782/KOLNP/2003	16/06/03	PCT/IB00/01945	December 20, 2000	HAEFELY TEST AG	SUPPORTING FLUE STRUCTURE FOR AN ELECTRICAL PULSE GENERATOR		
789	783/KOLNP/2003	16/06/03	PCT/JP01/11282	December 21, 2001	ISHIHARA SANGYO KAISHA LTD.	ANILINE DERIVATIVES OR SALTS THEREOF AND CYTOKINE PRODUCTION INHIBITORS CONTAINING THE SAME	2000-391175	December 22, 2000
790	784/KOLNP/2003	17/06/03	PCT/US01/50817	December 21, 2001	JOHNSON & JOHNSON VISION CARE INC	ANTIMICROBIAL CONTACT LENSES AND MTHODS THEIR PRODUCTION	60/257,030	December 21, 2000
791	785/KOLNP/2003	17/06/03	PCT/US01/49034	December 12, 2001	JOHNSON & JOHNSON VISION CARE INC	TINTED CONTACT LENSES	09/745,510	December 22, 2000
792	786/KOLNP/2003	17/06/03	PCT/US01/44651	November 20, 2001	INTEL CORPORATION	INTERCONNECT	09/740,103	December 18, 2000

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793	787/KOLNP/2003	18/06/03	PCT/JP02/09001	September 4, 2002	DAI-ICHI KOGYO SEIYAKU CO.LTD.	FLAME-RETARDANT STYRENE RESIN COMPOSITION	2001-325993	October 24, 2001
794	788/KOLNP/2003	18/06/03	PCT/JP02/09000	September 4, 2002	DAI-ICHI KOGYO SEIYAKU CO.LTD.	FLAME-RETARDANT STYRENE RESIN COMPOSITION	2001-325996	October 24, 2001
795	789/KOLNP/2003	18/06/03	PCT/US02/01284	January 18, 2002	BANK OF AMERICA CORPORATION	MINIATURE DATA CARD	60/263,756	January 25, 2001
796	790/KOLNP/2003	18/06/03	PCT/US01/48138	December 12, 2001	JOHNSON & JOHNSON VISION CARE INC	CONTACT LENSES WITH IMPROVED CENTERING AND ORIENTING	09/747,510	December 20, 2000
797	791/KOLNP/2003	18/06/03	PCT/US01/50582	December 21, 2001	JOHNSON & JOHNSON VISION CARE INC	ANTIMICROBIAL CONTACT LENSES CONTAINING ACTIVATED SILVER AND METHODS FOR THEIR PRODUCTION	60/257,317	December 21, 2000
798	792/KOLNP/2003	18/06/03	PCT/US01/45853	December 18, 2001	JOHNSON & JOHNSON VISION CARE INC	METHOD OF DISPOSAL FOR PLASTIC ARTICLES DIGESTIBLE BY HOT ALKALINE TREATMENT	09/740,742	December 19, 2000
799	793/KOLNP/2003	18/06/03	PCT/US01/48799	December 18, 2001	MCNEIL PPC INC	BAG TYPE TAMPON CONTAINING COMPRESSED FIBROUS MATERIAL	09/741,718	December 20, 2000
800	794/KOLNP/2003	19/06/03	PCT/US01/49140	December 19, 2001	VERTEX PHARMACEUTICALS INCORPORATED	PYRAZOLE COMPOUNDS USEFUL AS PROTEIN KINASE INHIBITORS	60/257,887	################
801	795/KOLNP/2003	19/06/03	PCT/US01/50312	December 19, 2001	VERTEX PHARCEUTICALS INCORPORATED	PYRAZOLE COMPOUNDS USEFUL AS PROTEIN KINASE INHIBITORS	60/257,887	December 21, 2000

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802	796/KOLNP/2003	19/06/03	PCT/US01/51120	December 19, 2001	VERTEX PHARMACEUTICALS INCORPORTED	PYRAZOLE COMPOUNDS USEFUL AS PROTEIN KINASE INHIBITORS	60/257,887	December 21, 2000
803	797/KOLNP/2003	19/06/03	PCT/US01/49401	December 19, 2001	VERTEX PHARMACEUTICALS INCORPORTED	PYRAZOLE COMPOUNDS USEFUL AS PROTEIN KINASE INHIBITORS	60/257,887	December 21, 2000
804	798/KOLNP/2003	19/06/03	PCT/US01/48798	December 18, 2001	MCNEIL PPC INC	APPLICATOR FOR DELIVERY BULKY DEVICES	09/742,688	December 20, 2000
805	799/KOLNP/2003	19/06/03	PCT/EP01/12492	October 29, 2001	MERCK PATENT GMBH	NOVEL PHARMACEUTICAL COMPOSITION HAVING AN ANTIDIABETIC ACTION,AND PROCESS FOR THEIR PREPARATION	00/15066	November 22, 2000
806	800/KOLNP/2003	19/06/03	PCT/US01/46536	December 3, 2001	THOMSON LICENSING S.A.	ON SCREEN DISPLAY AS DIAGNOSTIC AID	60/258,854	December 28, 2000
807	801/KOLNP/2003	19/06/03	PCT/US01/49726	December 20, 2001	INTERNET ACCESS TECHNOLOGIES	VIRTUAL TAPESTORAGE SYSTEM AND METHOD	09/747,457	December 22, 2000
808	802/KOLNP/2003	19/06/03	PCT/DE01/04821	December 20, 2001	INFINEON TECHNOLOGIES AG	CACHE MEMORY AND METHOD FOR ADDRESSING	101 01 552.6	January 15, 2001
809	803/KOLNP/2003	19/06/03	PCT/SE01/02540	November 15, 2001	SIEMENS - ELEMA	A GAS-DISPENSING DEVICE	0100065.2	January 10, 2001
810	804/KOLNP/2003	20/06/03	PCT/PH01/00007	December 13, 2001	VIRGILIO V.ECARMA	A METHOD TO ENHANCE THE IMMUNE SYSTEM AND USED FOR THE PREVENTION AND TREATMENT OF ASTHMA	I-2000-0003505	December 19, 2000

National Phase Application for patent filed under PCT in KOLKATA.

811	805/KOLNP/2003	20/06/03	PCT/PH01/00006	December 13, 2001	VIRGILIO V.ECRAMA	A METHOD TO ENHANCE THE IMMUNE SYSTEM AND USED FOR THE PREVENTION AND TREATMENT OF INFECTIOUS DISEASES	I-2000-0003506	December 19, 2000
812	806/KOLNP/2003	20/06/03	PCT/FR01/04176	December 21, 2001	WANY S.A.	PARALLEL ELECTRONIC ARCHITECTURE COMPRISING A PLURALITY OF PROCESSING UNITS CONNECTED TO A COMMUNICATION BUS,AND ADDRESSABLE BY THEIR FUNCTIONAL CAPABILITIES	00/16858	December 22, 2000
813	807/KOLNP/2003	20/06/03	PCT/US02/22474	July 12, 2002	YANG CHIH-LUNG AND OTHERS	METHOD AND APPARATUS FOR CONTINUOUSLY RECEIVING FRAMES FROM A PLURALITY OF VIDEO CHANNELS AND FOR ALTERNATIVELY CONTINUOUSLY TRANSMITTING TO EACH OF A PLURALITY OF PARTICIPANTS IN A VIDEO CONFERENCE INDIVIDUAL FRAMES CONTAINING INFORMATION—— CHANNELS	09/906,459	July 16, 2001
814	808/KOLNP/2003	20/06/03	PCT/US02/00008	January 4, 2002	THOMSON LICENSING S.A.	A METHOD AND APPARATUS FOR ACQUIRING MEDIA SERVICES AVAILABLE FROM CONTENT AGGREGATORS	60/259,713	January 4, 2001

National Phase Application for patent filed under PCT in KOLKATA

815	809/KOLNP/2003	20/06/03	PCT/US01/50572	December 21, 2001	MCNEIL-PPC INC	INTRAVAGINAL DEVICE FOR FEMININE HYGIENE	60/257,871	December 22, 2000
816	810/KOLNP/2003	20/06/03	PCT/DE01/04949	December 28, 2001	INFINEON TECHNOLOGIES AG.	DATA STORAGE ARRANGEMENT HAVING A DISPLAY DEVICE	100 65 748.6	December 29, 2000
817	811/KOLNP/2003	20/06/03	PCT/US01/49008	December 19, 2001	MCNEIL PPC INC	APERTURED POLYMERIC FILM WEB WITH DIOL SURFACTANT ADDITIVE	09/745,698	December 21, 2000
818	812/KOLNP/2003	20/06/03	PCT/US01/48995	December 19, 2001	MCNEIL PPC INC	APERTURED POLYMERIC FILM WEB WITH SURFACTANT MIXTURE ADDITIVE	09/742,42611	December 21, 2000
819	813/KOLNP/2003	20/06/03	PCT/EP01/12326	October 25, 2001	MERCK PATENT GMBH	4-(BIPHENYL CARBONYLAMINO) PIPERIDINE DERIVATIVES AS MTP INHIBITORS	0015143	November 23, 2000
820	814/KOLNP/2003	23/06/03	PCT/DE01/04541	November 29, 2001	SIEMENS AG.	VACUUM SWITCH,AS WELL AS A SYSTEM AND METHOD FOR CONTROLLING IT	101 04 392.9	January 19, 2001
821	815/KOLNP/2003	23/06/03	PCT/GB01/05749	December 21, 2001	GLAXO GROUP LIMITED	METERED DOSE INHALER FOR SALMETEROL XINAFOATE	0031502.8	December 22, 2000
822	816/KOLNP/2003	23/06/03	PCT/IT01/00625	December 11, 2001	TELECOM ITLALIA MOBILE S.P.A	METHOD AND DEVICE FOR HANDLING TELEPHONE CALLS DIRECTED TO NON-RESEARCHABLE MOBILE PHONES	RM2000A000690	December 22, 2000

National Phase Application for patent filed under PCT in KOLKATA.

823	817/KOLNP/2003	23/06/03	PCT/US01/43242	November 20, 2001	STARCOM WIRELESS INC	METEOR BURST COMMUNICATION SYSTEM HAVING THE CAPABILITY OF SIMULTANEOUS COMMUNICATION WITH MULTIPLE REMOTE UNITS	09/718,433	November 21, 2000
824	818/KOLNP/2003	23/06/03	PCT/US01/49367	December 19, 2001	GLAXO GROUP LIMITED	PYRIMIDINEAMINES AS ANGIOGENESIS MODULATORS	60/257,526	December 21, 2000
825	819/KOLNP/2003	24/06/03	PCT/US01/48916	December 13, 2001	GENSER MATHIAS	SYSTEM AND METHOD FOR ORGANIZING SEARCH CRITERIA MATCH RESULTS	09/747,334	December 22, 2000
826	820/KOLNP/2003	24/06/03	PCT/JP01/10451	December 27, 2001	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	CUSHIONING PACKAGING BAG	2000-383999	December 30, 2000
827	821/KOLNP/2003	24/06/03	PCT/JP01/11597	December 27, 2001	OHMI TADAHIRO AND OTHERS	SEMICONDUCTOR DIEVICE AND ITS MANUFACTURING METHOD	2000-402834	December 28, 2000
828	822/KOLNP/2003	24/06/03	PCT/US01/44901	November 30, 2001	NUVENTIVE LLC	A COMPUTERIZED PORTFOLIO AND ASSESSMENT SYSTEM	60/250,342	November 30, 2000
829	823/KOLNP/2003	24/06/03	PCT/US02/00544	January 9, 2002	THOMSON LICENSING S.A.	A MOBILE COMMUNICATION SYSTEM	09/575,315	January 9, 2001
830	824/KOLNP/2003	24/06/03	PCT/US02/01522	January 18, 2002	ORACLE CORPORATION	EDITING QUERY CONDITIONS,CALCULATIONS,FORMULAS AND EQUATIONS	09/766,949	January 22, 2001
831	825/KOLNP/2003	24/06/03	PCT/NO01/00509	December 21, 2001	GTO SUBSEA AG,	METHOD FOR THE HYDRAULIC SUBEA DREDGING	20006659	December 27, 2000
832	826/KOLNP/2003	25/06/03	PCT/NL01/00606	August 15, 2001	PFIZER LIMITED	PHARMACEUTICAL COMPOSITIONNS COMPRISING AMLODIPINE MALEATE	60/258,562	December 29, 2000

National Phase Application for patent filed under PCT in KOLKATA.

833	827/KOLNP/2003	25/06/03	PCT/NL01/00607	August 15, 2001	PFIZER LIMITED	PROCESS FOR MAKING AMLODIPINE MALEATE	60/258,612	December 29, 2000
834	828/KOLNP/2003	25/06/03	PCT/US01/49628	December 26, 2001	ATLUS BIOLOGICS INC.	CRYSTALS OF WHOLE ANTIBODIES AND FRAGMENTS THEREOF AND METHODS FOR MAKING AND USING THEM	60/258,704	December 28, 2000
835	829/KOLNP/2003	25/06/03	PCT/JP02/11553	November 6, 2002	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	MOVING PICTURE CODING METHOD AND MOVING PICTURE DECODING METHOD	2001-340698	November 6, 2001
836	830/KOLNP/2003	25/06/03	PCT/EP01/13843	November 27, 2001	GPM GESELLSCHAFT FUR PRODUKTMANAGEMENT MBH	MECHANISCHER LADER	100 59 069.1	November 28, 2000
837	831/KOLNP/2003	25/06/03	PCT/DE02/00256	January 25, 2002	INFINEON TECHNOLOGIES AG	MICROPROCESSOR CIRCUIT FOR DATA CARRIERS AND METHOD FOR ORGANIZING ACCESS TO DATA STORED IN A MEMORY		
838	832/KOLNP/2003	25/06/03	PCT/US02/02859	February 1, 2002	THE PROCTER & GAMBLE COMPANY	MASK COMPOSITION	PCT/US01/04069	February 8, 2001
839	833/KOLNP/2003	26/06/03	PCT/US01/46567	December 3, 2001	HARRIS THOMAS H.S.	OPRATOR SUPPORTED REMOTE CAMERA POSITIONING AND CONTRO SYSTEM	09/728,104	December 2, 2000
840	834/KOLNP/2003	26/06/03	PCT/US01/22997	July 20, 2001	UMEC USA INC	FERRITE CORE	09/726,301	November 28, 2000
841	835/KOLNP/2003	26/06/03	PCT/US02/01233	February 4, 2002	ELI LILLY & CO.	ANTIVIRAL METHOD OF USE	60/269,486	February 16, 2001

National Phase Application for patent filed under PCT in KOLKATA.

842	836/KOLNP/2003	27/06/03	PCT/FR01/04066	December 19, 2001	SAINT-GOBAIN VETROTEX FRANCE S.A.	SIZED GLASS STRANDS,SIZING COMPOSITION AND COMPOSITES COMPRISING THE SAID STRANDS	01/00910	January 24, 2001
843	837/KOLNP/2003	27/06/03	PCT/IB02/00009	January 7, 2002	YISSUM RESEARCH DEVELOPMENT COMPANY THE HEBREW UNIVERSITY OF JERUSALEM	FORMING A CONDUCTOR CIRCUIT ON A SUBSTRATE	140912	January 16, 2001
844	838/KOLNP/2003	27/06/03	PCT/US01/49610	December 21, 2001	BOARD OF REGENTS,THE UNIVERSITY OF TEXAS	RADIATION DETECTOR USING POLYMER DISPERSED LIQUID CRYSTAL CELL	60/258,720	December 29, 2000
845	839/KOLNP/2003	27/06/03	PCT/EP02/00424	January 17, 2002	GEO S.R.L.	PROCES FOR MANUFACTURING COMPOSITES AND FOR STRUCTURALLY REPAIRING AND AESTHETICALLY FILLING SLABS OF STONE MATERIALS	01830064	January 31, 2001
846	840/KOLNP/2003	27/06/03	PCT/IL02/00832	October 16, 2002	KEDEM MICHAEL	A ROUNDED RECTANGUALR GEMSTONE	14609	October 19, 2001
847	841/KOLNP/2003	27/06/03	PCT/FR01/04090	December 20, 2001	TOTALFINAELF FRANCE	METHOD AND DEVICE FOR DESULPHURISING HYDROCARBONS CONTAINING THIOPHENE DERIVATIVES	00/171196	December 28, 2000

National Phase Application for patent filed under PCT in KOLKATA.

848	842/KOLNP/2003	30/06/03	PCT/DE01/04666	December 12, 2001	GEH WASSERCHEMIE GMBH & CO.KG.	METHOD FOR PRODUCING A SORPTION MATERIAL THAT CONTAINS IRON	100 61 800.6	December 13, 2000
849	843/KOLNP/2003	30/06/03	PCT/US01/46391	December 3, 2001	TERADYNE INC	ENHANCED LOOPBACK TESTING OF SERIAL DEVICES	09/751,633	December 29, 2000
850	844/KOLNP/2003	30/06/03	PCT/US01/47562	November 30, 2001	MATTATHIL GEORGE P	DYNAMIC PRIVATE NETWORK	60/250,783	November 30, 2000
851	845/KOLNP/2003	30/06/03	PCT/ES01/00487	December 17, 2001	CASTILLO SENAL ANGEL	FOUNDATION BUILDING SYSTEM WITH ANTISEISMIC PLATES	P200003040	December 19, 2000
852	846/KOLNP/2003	30/06/03	PCT/US01/42923	November 7, 2001	THE MITRE CORPORATION	MONOMOLECULAR ELECTRONIC DEVICE		
853	847/KOLNP/2003	1/07/03	PCT/EP01/15319	December 27, 2001	TELECO AUTOMATION S.R.	UNIVERSAL REMOTE CONTROL DEVICE	VE2000A000054	December 29, 2000
854	848/KOLNP/2003	1/07/03	PCT/KR02/02034	October 31, 2002	LG ELECTRONICS INC	ABRASION PREVENTIVE STRUCTURE OF RECIPROCATING COMPRESSOR	69554/2001	November 8, 2001
855	849/KOLNP/2003	1/07/03	PCT/JP02/01481	February 20, 2002	KOTOBUKI PHARMACEUTICAL CO.LTD.	BETA-LACTUM COMPOUNDS PROCESS FOR REPRODUCING THE DAME AND SERUM CHOLESTROL-LOWERING AGENTS CONTAINING THE SAME	2001-48202	February 23, 2001
856	850/KOLNP/2003	1/07/03	PCT/AT02/00007	January 11, 2002	VAE EISENBAHNSYSTEME GMBH	DEVICE FOR DISPLACING AND LOCKING MOVEABLE SWITCH PARTS	A 40/2001	January 11, 2001
857	851/KOLNP/2003	1/07/03	PCT/AT02/00008	January 11, 2002	VAE EISENBAHNSYSTEME GMBH & OTHERS	DEVICE FOR LOCKING THE END POSITIONS OF MOVEABLE SWITCH PARTS	A 39/2001	January 11, 2001

National Phase Application for patent filed under PCT in KOLKATA.

858	852/KOLNP/2003	1/07/03	PCT/US02/32260	October 9, 2002	JOHNSON & JOHNSON VISION CARE INC	AUTOMATED PACK OUT	09/999,091	November 1, 2001
859	853/KOLNP/2003	1/07/03	PCT/EP02/00170	January 10, 2002	H.I.P.S.R.L. HIGH INDUSTRIAL PERFORMANCES	SPREADING HEAD,PARTICULARLY FOR THERMOPLASTIC MATERIAL	TV2001A000008	January 17, 2001
860	854/KOLNP/2003	1/07/03	PCT/US02/22501	January 23, 2002	GENERAL ELECTRIC COMPANY	PROCESS FOR MAKING SILANOL STOPPED OLIGOMERIC MATERIALS	60/263,911	January 24, 2001
861	855/KOLNP/2003	2/07/03	PCT/FI02/00043	January 18, 2002	BIOTIE THERAPIES CORP.	NOVEL RECEPTORS FOR $I(HELICOBACTER PYLORI) AND USE THEREOF	20010118	January 19, 2001
862	856/KOLNP/2003	2/07/03	PCT/US01/50559	December 21, 2001	ORTHO MCNEIL PHARMACEUTICAL INC	SUBSTITUTED TRIAZOLE DIAMINE DERIVATIVES AS KINASE INHIBITORS	60/257,703	December 22, 2000
863	857/KOLNP/2003	2/07/03	PCT/IL02/0028	July 2, 2003	CAN-FITE BIOPHARMA LTD.	USE OF AN ADENOSINE A3 RECEOTOR AGONIST FOR INHIBITION OF VIRAL REPLICATION	60/261,859	January 16, 2001
864	858/KOLNP/2003	2/07/03	PCT/US01/45857	December 19, 2001	ELI LILLY AND COMPANY	EXCITATORY AMINO ACID RECEPTOR ANTAGONIST	0150004.5	January 5, 2001
865	859/KOLNP/2003	2/07/03	PCT/US02/00218	January 4, 2002	EMERSON ELECTRIC CO.	END CAP ASSEMBLY FOR A SWITCHED RELUCTANCE ELECTRIC MACHINE	09754,537	January 4, 2001
866	860/KOLNP/2003	2/07/03	PCT/DE02/00176	January 21, 2002	INFINEON TECHNOLOGIES AG.	DATA PROCESSING DEVICE	101 05 987.6	February 9, 2001
867	861/KOLNP/2003	3/07/03	PCT/US01/11133	April 6, 2001	TYSON BIORESEARCH INC	BIOSENSORS HAVING IMPROVED SAMPLE APPLICATION	09/754,858	January 4, 2001
868	862/KOLNP/2003							

National Phase Application for patent filed under PCT in KOLKATA.

869	863/KOLNP/2003	3/07/03	PCT/US01/49189	December 19, 2001	CEPHALON INC	MODAFINIL COMPOUND AND CYCLODEXTRIN MIXTURES	60/256,681	December 19, 2000
870	864/KOLNP/2003	3/07/03	PCT/US02/02503	January 29, 2002	ISIS PHARMACEUTICALS INC	METHODS FOR DETECTION OF CHLORAL HYDRATE IN DICHLOROACETIC ACID	60/264,920	January 30, 2001
871	865/KOLNP/2003	3/07/03	PCT/US01/48585	December 11, 2001	ONDEO NALCO COMPANY	METHOD OF CLARIFYING BAYER PROCESS LIQUORS USING SALICYLIC ACID CONTAINING POLYMERS	09/771,844	January 29, 2001

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 147/KOL/2003 A** (22) **Date of filing of application : 10/03/2003**

(54) **Title of the Invention** : "PROCESS TECHNOLOGY FOR PRODUCTION OF HIGH STRENGTH PLATES (YS : 480 MPA MIN.) WITH IMPROVED IMPACT VALUES (150 MIN. AT 0°C) USING RELAXED ROLLING CONDITIONS"

(51) International classification : C22C 1/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI- 834002, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. JHA BIMAL KUMAR, 2. DATTA RAMEN, 3. DEVA ANJANA, 4. MAHAPATRA SUBRATA KUMAR, 5. GHOSH SOMNATH, 6. RAM AVTAR.

(57) **Abstract :**

There is proposed a process for the production of high strength steel plates with improved impact values, which comprises.

(a) Providing a molten steel having the following alloy chemistry.

C: 0.07-0.10;	Mn: 1.40-1.50;	Si : 0.25-0.35;	S : 0.01 max;
P: 0.02 max:	Al: 0.025-0.045;	Nb: 0.06-0.09;	Ti : 0.01-0.02

(b) Converting it into a steel slab in the usual manner.

● Subjecting the steel slab to a controlled rolling schedule as follows:

Soaking temp. And time	: 1250±10°C/5½ hrs.
Rough rolling	: 1150-1050°C (10 passes)
Finish rolling	: 1000-850°C (5 passes)
Cumulative reduction in the finish zone	: > 65%
Reduction in final pass	; > 10%

such that there is obtained a low reduction per pass, high finish rolling start temperature and absence of accelerated cooling followed by

(d) subjecting the finish rolled plate to air cooling wherein the finish rolling is preferably carried out at temperatures in the range of 930° -880°C.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 149/KOL/2003 A **(22) Date of filing of application : 10/03/2003**

(54) Title of the Invention : "A PROCESS FOR MANUFACTURING STEEL FOR BOILERS (SAILBOILER)"

(51) International classification : C22C 24/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, BOKARO STEEL PLANT, BOKARO STEEL CITY, BOKARO -827001, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. TRIPATHI PRAKASH NATH, 2. GHOSH SAKTIMOY.

(57) Abstract :

There is proposed a process for the manufacture of boiler grade steel plates of less than 5 mm thickness which comprises,

i) taking liquid steel composition having the following alloy chemistry.

% C	% Mn	% P	% S	% Si	% Al
.10 - .12	.50 - .60	.025 max	.025max	.10 - .35	.02 min

(ii) subjecting the same to calcium treatment by adding calcium silicate followed by

(ii) casting into a slab,

(iii) avoiding re-oxidation during casting using argon injection as necessary,

(iv) re-heating the cast slab in a re-heating furnace to make it suitable to rolling,

(v) rolling the re-heated slab into suitable HR coils and

(vi) finally, subjecting the coils to finishing treatment

Publication After 18 months.

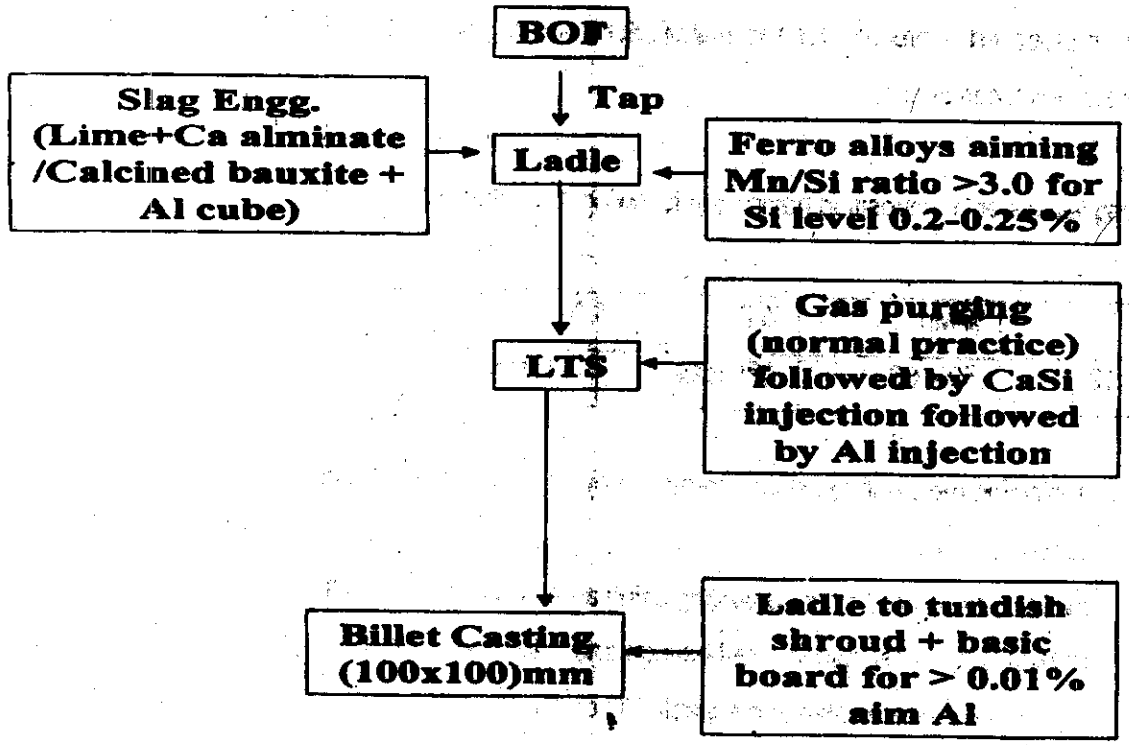
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 150/KOL/2003 A **(22) Date of filing of application : 10/03/2003**

(54) Title of the Invention : "A PROCESS FOR CONTINUOUS CASTING OF ALUMINIUM KILLED STEEL THROUGH BILLET CASTER (100 X 100MM)"

(51) International classification : C22C 9/01 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI -834 002, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. SARKAR SANTI RANJAN, 2. REDDY BIRUDAVOLU BALAKRISHNA, 3. KESHARI KIRAN KUMAR, 4. SHARMA KRISHNA CHANDRA, 5. SRIVASTAVA SUSHIL KUMAR, 6. DAS PRAHLAD CHANDRA.

(57) Abstract :



There is proposed a process for continuous casting of aluminium killed steel in billet size of 100 mm & 100 mm or more without nozzle choking, the process comprising of the following steps:

1. Maintaining Mn/Si ratio more than the critical value,
2. Slag engineering during tapping
3. Ca-Si injection at LTS.
4. Al injection at LTS.
5. Use of ladle-tundish shroud and basic tundish for > 0.01% A1.

the above steps being carried out as follows:

(i) the Mn/Si ratio is maintained at > 3.0 for Si level of 0.2 to 0.25% by the addition of silico-manganese & ferro alloys like ferro manganese and ferro silicon so that part of the ferro alloys are consumed for deoxidation i.e. removal of dissolved oxygen in the metal bath while the rest is consumed in alloying,

(ii) the slag engineering step is carried out by the addition of lime, calcined, bauxite/ Aluminium dross/ fused Calcium/ Aluminate and Aluminium cube over the slag towards the end of tapping,

(iii) the Ca-Si injection at LTS is carried out by injecting Calcium silicide wire into the ladle at LTS at relatively low Al level just after slag deoxidation,

(iv) Where after, the Al injection was also carried out at LTS by Al wire injection so that the resulted liquid Cal. Aluminate which led to smooth casting without nozzle clogging,

(v) and the earlier step (v) being carried out by shrouding ladle to tundish stream by refractory shrouding to prevent reoxidation of the steel through contact with O_2 of the atmosphere, while using a basic board tundish,

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 151/KOL/2003 A** (22) **Date of filing of application : 10/03/2003**

(54) **Title of the Invention : "ON-LINE THERMO-MECHANICAL CONTROL PROCESS FOR IMPROVING MECHANICAL PROPERTIES OF HOT ROLLED C-MN STEEL ANGLES"**

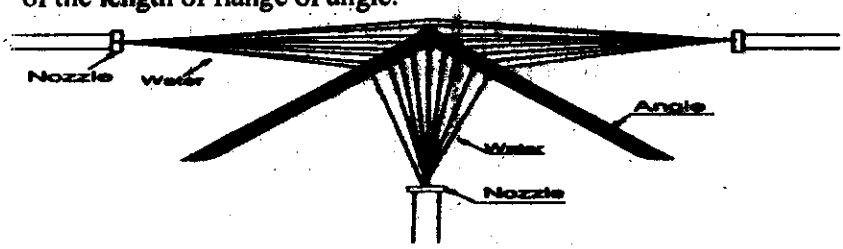
(51) International classification : C21D 1/08 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI -834 002, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. TOPNO ROYLEN, 2. JHA SAMIR KUMAR, 3. PRAKASH KUNDAN, 4. BASKIYAR RAJEEV, 5. GUPTA DAYA SHANKAR, 6. ROY BASUDEO.

(57) **Abstract** : (1) An improved process for producing hot rolled C-Mn steel angle having improved mechanical properties which comprised the following steps;

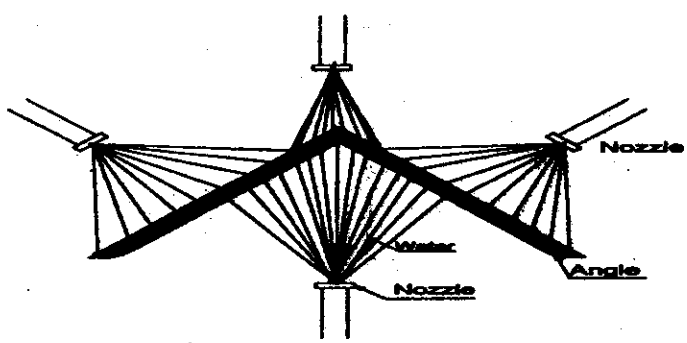
(a) subjecting a C-Mn steel having the following chemistry to the usual process of hot rolling

(b) followed by accelerated cooling in two steps after the finishing stand.

(c) Subjecting the rolled angle to simultaneous cooling both from below the angled section and from above the angled section, the cooling water being impinged on angle apex only so that the length of the apex instantaneously cooled is approx 30% of the length of flange of angle.



1st Stage cooling



2nd Stage cooling

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 152/KOL/2003 A **(22) Date of filing of application : 10/03/2003**

(54) Title of the Invention : "PROCESS TECHNOLOGY FOR PRODUCTION OF SEMI PROCESSED ELECTRICAL STEEL WITH CORE LOSS VALUE OF 4.5 WATT/KG (MAX)"

(51) International classification : C22C 38/00, C21D 9/46 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI -834 002, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. SAXENA ATUL, 2. SINGH CHANDI DUTTA, 3. PRASAD MU;NSHI, 4. CHAUDHURI SAJAL KANTI.

(57) Abstract :

There is proposed a process for the production of semi-processed electrical steel, which comprise the following steps:

(A) Preparing a steel composition in a LD converter having the following specific alloy chemistry:

(a) % C: 0.040 max. (b). % Mn: 0.25 – 0.45 (c) % P: 0.020 max.

(d) % S: 0.006 max. (e) % Si: 0.5 – 0.70 (f) % Al: 0.06- 0.10,

(B) Subjecting the above steel to vacuum Arc Refining (VAR) and Argon rinsing so as to achieve a nitrogen level in the steel of less than 80 ppm and sulphur less than 0.006%,

(C) Casting the steel of step 2 into slabs of desired shapes and sizes at a casting speed ranging between 0.7 to 0.8 metre per minute in the hot condition and

(D) Rolling the so achieved slabs into hot bands of less than 2.7 mm thickness followed by finish rolling and cooling the said bands.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 153/KOL/2003 A **(22) Date of filing of application : 10/03/2003**

(54) Title of the Invention : "AN IMPROVED METHOD OF DEOXIDATION OF HIGH CHROMIUM STEEL DURING PROCESSING IN EAF"

(51) International classification : C21B 13/12 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI -834 002, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. SINHA PRABHAT KUMAR, 2. SARDAR MRIDUL KUMAR, 3. JHA KASHI NATH, 4. RAY ANUJA SHANKAR, 5. THAKUR MEDHASPATI.

(57) Abstract :

There is proposed an improved method of deoxidation of high chromium steel during processing in EAF, which comprises the following steps.

(a) preparing a melt of steel in an Electric Arc Furnace (EAF) using steel scrap, ferro alloys and lime,

(b) subjecting the melt to oxidation blowing,

(c) adding aluminium and ferro-silicon in EAF during reduction period for de-oxidation through charging bucket,

(d) carrying out the Arcing thereafter followed by

(e) tapping the steel into ladle after deslagging and attaining the required temperature and composition.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 154/KOL/2003 A** (22) **Date of filing of application : 10/03/2003**

(54) **Title of the Invention : "AN IMPROVED ON-LINE ACID HEATING SYSTEM FOR PICKLING LINE"**

(51) International classification : F28F, F28D **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, DORANDA, RANCHI -834 002, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. SINGH YOGENDRA, 2. VERMA AMRESH KUMAR, 3. SELVAN SAMBANDAM THIRUMALAI, 4. SINGH ARUN KUMAR PRASAD, 5. MISHRA BISHWAJIT, 6. NAFDE KISHOR.

(57) **Abstract :**

There is proposed an online acid heating system for a pickling line in cold rolling comprising:

(a) a shell and tube heat exchanger, with auxiliary components like piping for steam and acid, temperature sensor and indicator and Control valves, all made of acid proof material,

(b) said heat exchanger being connected in parallel flow with existing set of polyblock heat exchangers, of which one is on working mode while the other is in standby,

(c) an inlet for make up mother liquor from existing block of chemicals,

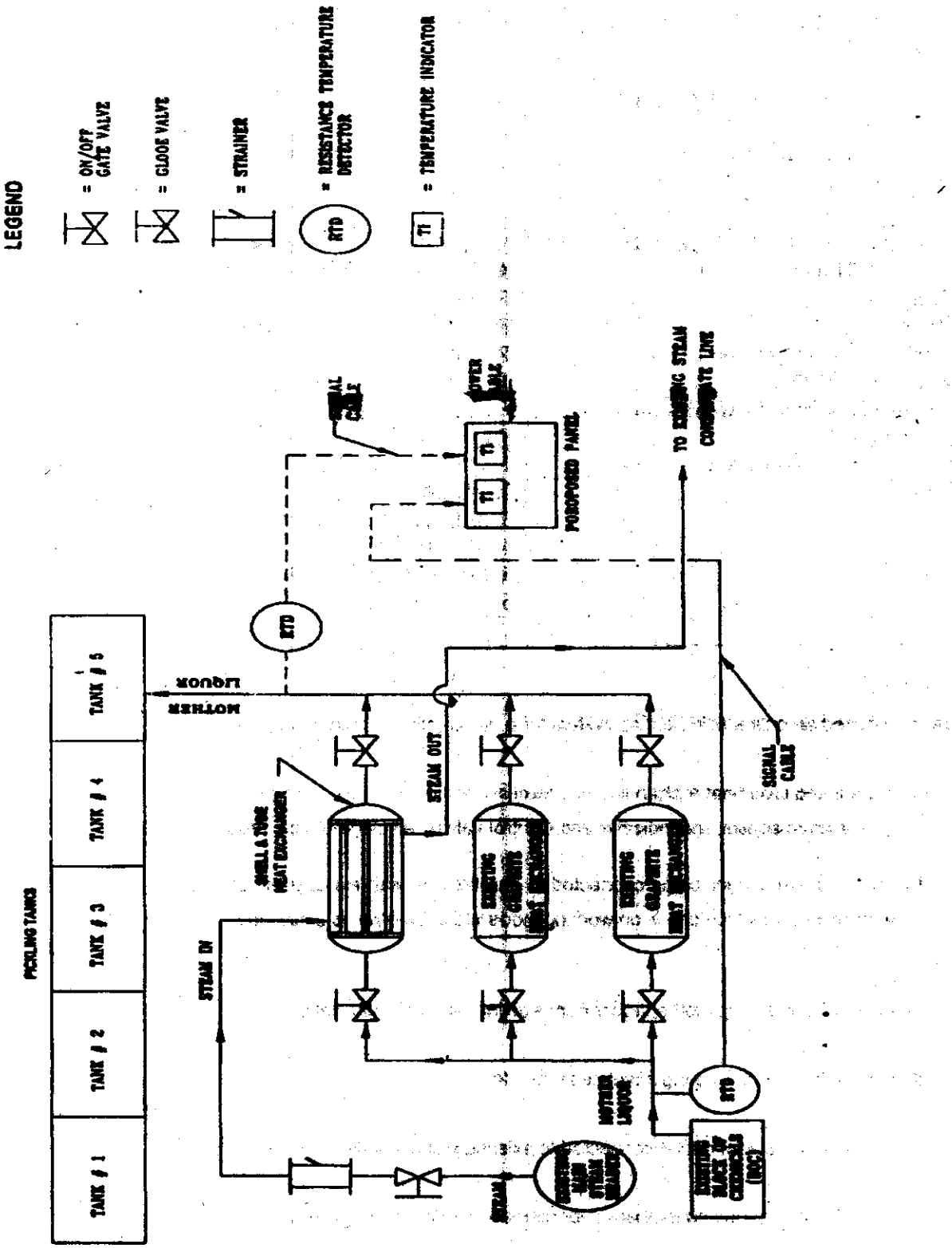
(d) a steam inlet from existing main steam header,

(e) a condensed steam out let connected to existing steam condensate line,

(f) an outlet for pre-heated mother liquor connected to the pickling tank,

(g) there being provided Resistance Temperature Detectors (RTD), both at the mother liquor inlet line and at the pre-heated mother liquor out let line,

(h) said RTD being connected to signal panel.


LEGEND
= ON/OFF GATE VALVE
= GLOBE VALVE
= STRAINER
= RESISTANCE TEMPERATURE DETECTOR
= TEMPERATURE INDICATOR
RTD
TI
PROPOSED PANEL
TO STEAM CONDENSATE LINE
PICKLING TANKS
TANK # 1
TANK # 2
TANK # 3
TANK # 4
TANK # 5
MOTHER LIQUOR
STEAM OUT
STEAM IN
SIGNAL CABLE
MOTHER LIQUOR

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 155/KOL/2003 A** (22) **Date of filing of application : 10/03/2003**

(54) **Title of the Invention : "A PROCESS FOR MANUFACTURING STGEEL FOR CYCLE RIMS (SAAILRIM)"**

(51) International classification : C21D **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : STEEL AUTHORITY OF INDIA LIMITED, BOKARO STEEL PLANT, BOKARO STEEL CITY, BOKARO-827 001, STATE OF JHARKHAND, INDIA.** **(72) Name of the Inventors :** 1. TRIPATHI PRAKASH ;NATH, 2. GHOSH SAKTIMOY.

(57) **Abstract :**

A process for the manufacture of cycle grade steel, which comprises

i) taking steel having the following alloying chemistry:

% C	% Mn	% P	% S	% Si	% Sl
.06 - .11	.30 - .50	.03 - .04	.03 - .04	.04 - .08	.005 max

Subjecting the same to the following sequence of steps.

(i) STEEL MAKING

(ii) SLAB MAKING

(iii) and HOT ROLLING (as herein described).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.195/KOL/2003 A** (22) **Date of filing of application : 01/04/2003**

(54) **Title of the Invention** : "SNAP TOGETHER AUTOMOTIVE LED LAMP ASSEMBLY"

(51) International classification : H01R 33/00 **(30) Priority Data :** **(31) Document No. 60/371,015 & 10/260,912** **(32) Date : 09/04/2002 & 30/09/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : OSRAM SYLVANIA INC., STATE OF DELAWARE, UNITED STATES OF AMERICA.** **(72) Name of the Inventors :** COUSHAINE CHARLES M.,

(57) **Abstract** : A replaceable vehicle lamp assemble may be ;made by placing LEDs directly on a heat conducting support that is thermally connected to an exterior heat radiating element. In one embodiment, the lamp structure is substantially snap fitted together. The LEDs are mounted on a heat conductive post and flange. A coupler encircles the post and couples through the flange to a base thereby trapping the flange in place. The coupler also includes latching features to mount in a socket hole of a reflector assembly. The heat conductive flange is then exposed on the exterior to ambient air, thereby providing cooling for the LEDs.

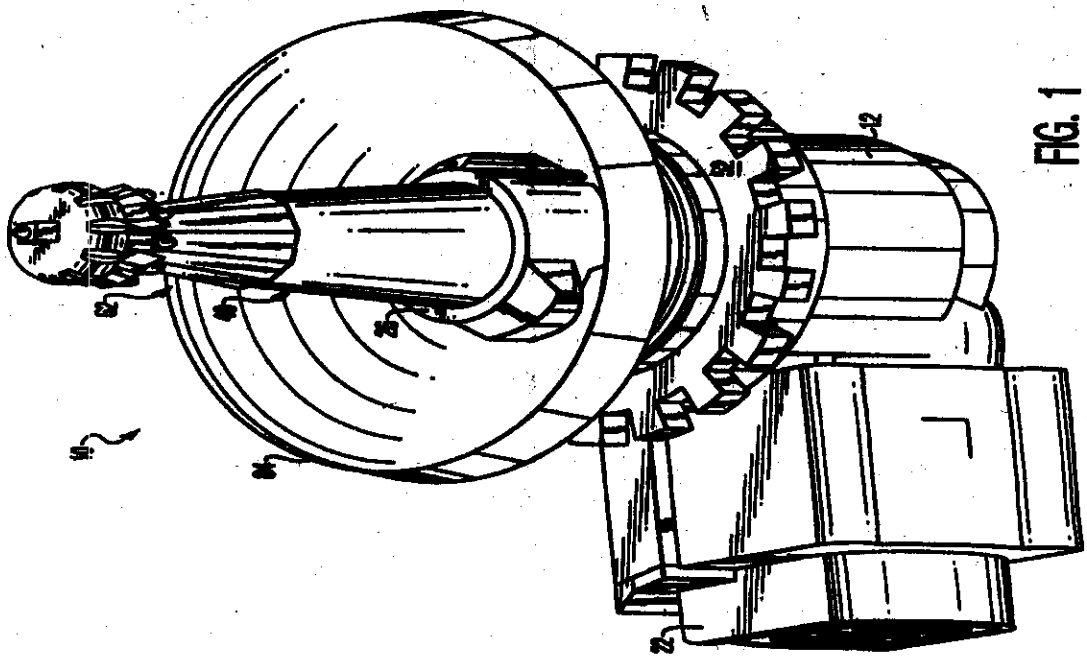


FIG. 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 196/KOL/2003 A **(22) Date of filing of application : 01/04/2003**

(54) Title of the Invention : "HIGH PERFORMANCE FLOCCULATING AGENTS AND VISCOSIFIERS BASED ON HYDROLYSED GRAFTED AMYLOPECTIN AND POLYCRYLAMIDE GRAFTED CARBOXYMETHYL CELLULOSE"

(51) International classification : C08F **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : INDIAN INSTITUTE OF TECHNOLOGY, AN INDIAN INSTITUTE OF KHARAGPUR 721 302, WEST BENGAL, INDIA.** **(72) Name of the Inventors :** 1. SINGH, R. P., 2. BISWAL, DIPTIRANI.

(57) Abstract : This invention is provided hydrolysed graft copolymers for use as flocculants, drag reducers and viscosifiers and also further provided a process for the preparation of the same comprising preparing is solution of polysaccharide selected from carboxy-methylcellulose and amylopectin and adding acrylamide monomer thereto with stirring followed by addition of a catalyst solution thereto and allowing the reaction to continue to obtain the graft copolymers.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

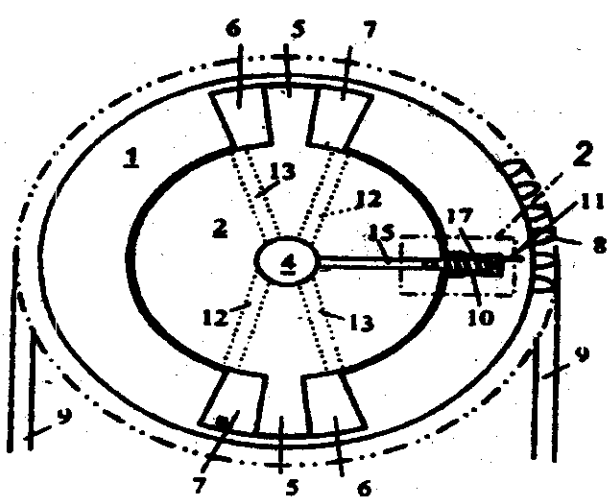
(21) **Application No.197/KOL/2003 A** (22) **Date of filing of application : 02/04/2003**

(54) **Title of the Invention : "VCT MECHANISM HAVING A LOCK PIN ADAPTED TO RELEASE AT A PRESSURE HIGHER THAN THE PRESSURE REQUIRED TO HOLD THE LOCK PIN IN THE RELEASED POSITION"**

(51) International classification : F01L 1/34 **(30) Priority Data :** **(31) Document No. 60/374, 332** **(32) Date : 22/04/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant :** **BORGWARNER INC., AT POWERTRAIN TECHNICAL CENTER, 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS MI48326-1782, U.S.A.** **(72) Name of the Inventors :** SMITH FRANKLIN R.,

(57) Abstract :

A variable camshaft timing phaser for an internal combustion engine that varies rotation phase including a housing, a rotor, a locking pin, and a piston. The locking pin is moveable in a first direction, which urges a tapered end of the locking pin to engage a tapered recess in the rotor, and a second direction, opposite the first direction, to disengage the rotor. The is driven by an engine output in synchronism with the engine revolutions, the rotor is connected to the camshaft and has a fluid passage connecting a source of engine oil to the tapered recess in the rotor. The piston is located within the fluid passage and has a piston surface contacting the locking pin. The piston has a cross-section that is less than the cross-section of the locking pin, and blocks the fluid passage when the locking pin is locked, moving to a position which allows fluid to pass by the piston in the recess and press on the locking pin, so that higher pressure is required to unlock the locking pin than to hold it in its unlocked position.



Publication After 18 months.

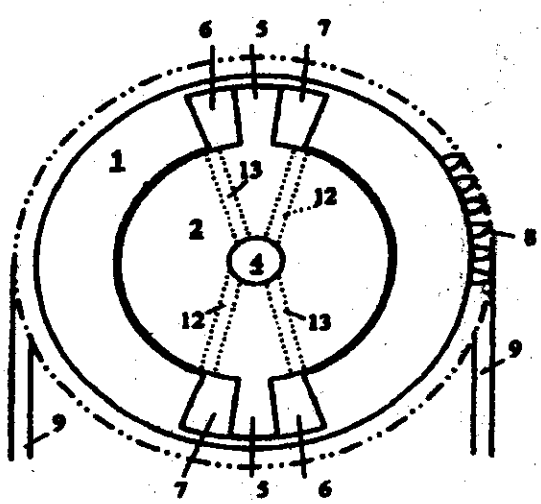
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.198/KOL/2003 A (22) Date of filing of application : 03/04/2003

(54) Title of the Invention : "HYDRAULIC DETENT FOR A VARIABLE CAMSHAFT TIMING DEVICE"

(51) International classification : F01L 1/34 (30) Priority Data : (31) Document No. 60/374, 201 & 10/376, 900 (32) Date : 19/04/2002 & 28/02/2003 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : BORGWARNER INC., AT 3000 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS MI48326-1782, U.S.A. (72) Name of the Inventors : 1. SMITH FRANKLIN R., 2. WING BRAMAN.

(57) Abstract : A phaser has a housing (1) and a rotor (2) rotating relative to each other. The housing (1) has cavity disposed to be divided by a vane (5) rigidly attached to the rotor (2). The vane (5) divides the cavity into a first chamber (6) and a second chamber (7). The phaser has passages (12, 13) connecting the first and the second chambers (5, 6) and a) a valve (4) disposed to form at least two openings for fluid flowing between the first chamber (6) and the second chamber (7), and being disposed to keep at least one opening closed; and b) at least one by-pass (30, 34, 36) disposed to stop or slow down the rotation between the housing (1) and the rotor(2), thereby allowing a locking mechanism to lock the housing (1) and the rotor (2) together independent for fluid flow.



Publication After 18 months.

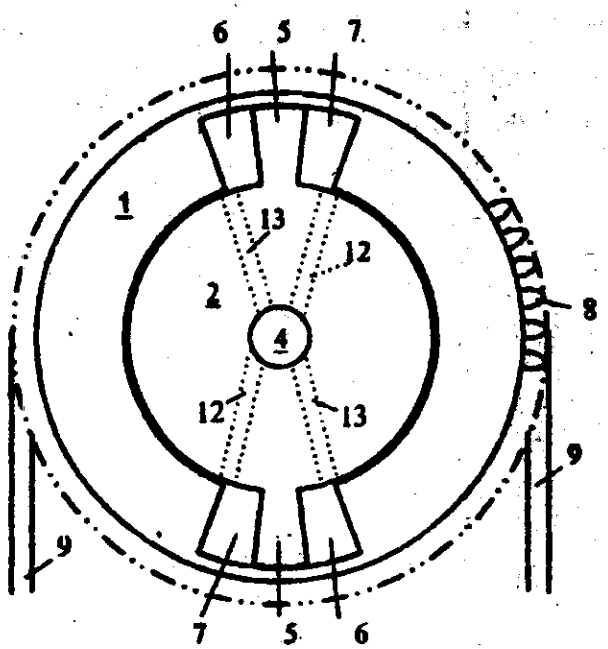
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.199/KOL/2003 A** (22) **Date of filing of application : 03/04/2003**

(54) **Title of the Invention : "HYDRAULIC CUSHIONING OF A VARIABLE VALVE TIMING MECHANISM"**

(51) International classification : B30B 15/00 **(30) Priority Data :** **(31) Document No. 60/374, 241 & 10/376, 876** **(32) Date : 19/04/2002 & 28/02/2003** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant :** **BORGWARNER INC., AT POWERTRAIN TECHNICAL CENTER, 3000 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS MI48326-1782, U.S.A.** **(72) Name of the Inventors :** SMITH FRANKLIN R.,

(57) **Abstract :** A variable camshaft timing mechanisms having a vane (5) housing (1) format is provided. Working hydraulic chambers (6, 7) are created by imposing either single or multiple vanes (5) of a rotor (2) attached to the camshaft (9) into a cavity in a housing (1) that is attached to the camshaft sprocket. Fluid is allowed to normally exhaust from the hydraulic chamber (6, 7)) during normal phasing until the rotor (2) nears the end of its travel.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 200/KOL/2003 A** (22) **Date of filing of application : 04/04/2003**

(54) **Title of the Invention : "NEEM LEAF POWDER AS AN ADSORBENT FOR REMOVAL OF DYES & PIGMENTS AS WELL AS METALS FROM CONTAMINATED WATER"**

(51) International classification : B01D 15/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : 1. ARUNIMA SARMA, RESEARACH FELLOW, DEPARTMENT OF CHEMISTRY GAUHATI UNIVERSITY, GUWAHATI 781014, ASSAM AND 2. KRISHNA GOPAL BHATTACHARYYA PROFESSOR & HEAD, DEPARTMENT OF CHEMISTRY GAUHATI UNIVERSITY, GUWAHATI 781014, ASSAM, INDIA.** **(72) Name of the Inventors :** 1. ARUNIMA SARMA, 2. KRISHNA GOPAL BHATTACHARYYA.

(57) Abstract : A novel adsorbent, in the form of a powder is prepared from mature Neem (azadirachta Indica) leaves. The powder is found to be very effective in treating water contaminated with various dyes and heavy metals. The adsorbent can be regenerated and is reusable. Experiments conducted to remove a series of dyes like Methylene Blue, Congo Red, Brilliant Green, etc., and toxic metals like Chromium (VI) and Cadmium, have shown that the powder has 100% removal efficiency depending on the amount used and the concentration of the containment. It is claimed that the Neem leaf powder can be a very economical green alternative to replace various commercial adsorbents like activated carbon in tertiary treatment of industrial effluents for removal of dyes and pigments, and metals.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

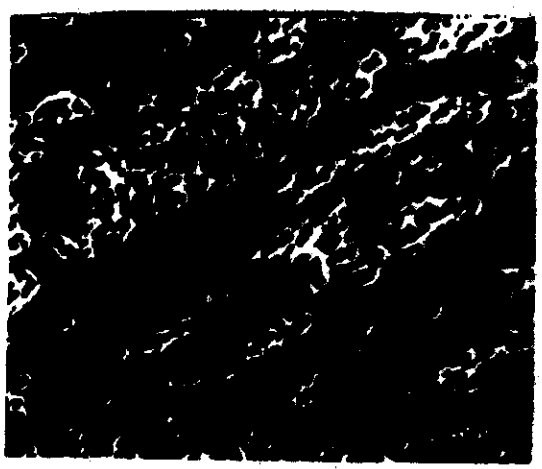
(21) Application No. 201/KOL/2003 A **(22) Date of filing of application : 07/04/2003**

(54) Title of the Invention : "MAKING OF VERY THERMALLY STABLE, STRONG, LIGHT WEIGHT Al-Ti ALLOYS FOR STRUCTURAL APPLICATIONS E.G., AVIONICS (NORMAL AND SUPERSONIC (3M-5M), AUTOMOTIAVE AND OTHERS"

(51) International classification : C22C 021/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : TAPAS CHANDA, C11/5, KARUNAMOYEE ESTATE, SALT LAKE, SECTOR II, KOLKATA – 700 091, INDIA.** **(72) Name of the Inventors :** TAPAS CHANDA

(57) Abstract : The invented alloys presented in this patent application would find usage in numerous applications such as space age related applications, aerospace (conventional avionics and supersonic, automotive and others. This is due to the facts that the prepared alloys are light weight. For example, alloy which contains 40% volume fractions of Al_3Ti, the density of the alloy would be around 2.94 g/cm^3. Although the density is somewhat higher than the Al-Li alloys which are being used for aerospace applications but the durability, high strength and the reduced cost of manufacturing, make these alloys very attractive for aforementioned applications.

The developed alloys with varying volume fractions of Al_3Ti dispersoids would be strong and thermally stable. When ductility is preferred to strength, the reduction of volume fraction is necessary. Such a procedure would enable manufacture to tailor make the structural property requirement for service.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 202/KOL/2003 A** (22) **Date of filing of application : 07/04/2003**

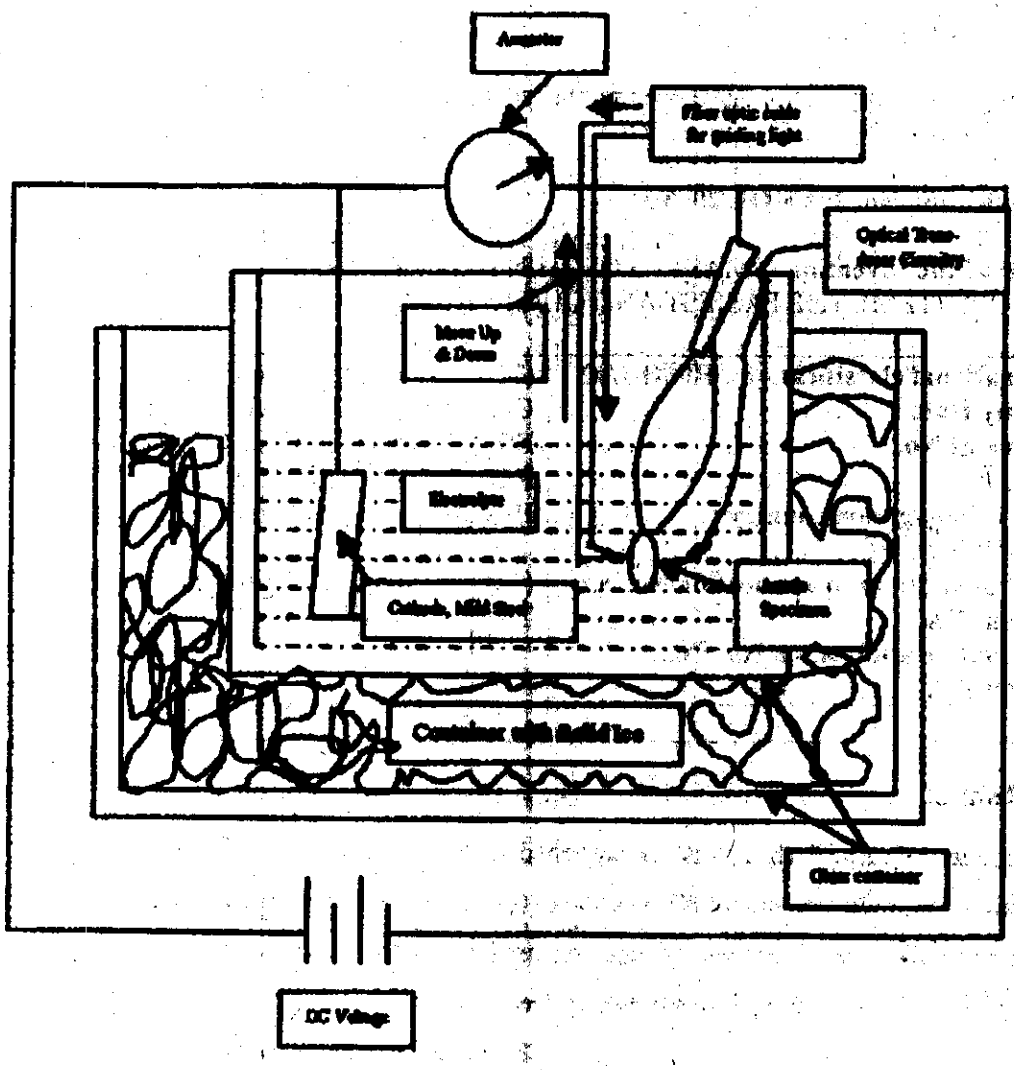
(54) **Title of the Invention : "MAKING OF THIN FOIL FOR TRANSMISSION ELECTRON MICROSCOPY (TEM). THE FASIEST AND QUICKEST WAY"**

(51) International classification : H05H 1/00 **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : TAPAS CHANDA, C11/5, KARUNAMOYEE ESTATE, SALTLAKE, SECTOR-II, KOLKATA – 700 091, WEST BENGAL, INDIA.** **(72) Name of the Inventors :** TAPAS CHANDA

(57) Abstract :

The anode in Figure 1 (b) as disk is supported with a tweezers and low carbon steel is used as cathode. Electrolyte containing 800 m ethanol (absolute), 140 ml distilled water (optional), 60 ml perchloric acid (60%). Very low voltage was used so that the current in the circuitry was few mA and the process takes from few seconds to few minutes.

The current density is calculated as the current over the surface area of the specimen facing the cathode. If 2 mA flows in the circuit for applied voltage which user could fiddle with, the current density would be around 0.0102 Amp/cm^2. This small current density would allow the user to manipulate the applied voltage and would allow the user to keep the current density low so that it stays in the first stage. However, the dissolution rate would be higher and quicker. If the current density is used higher even when the user is in the first stage, the kinetics of the thinning would be faster which therefore could make the user to loose control over the process. Perhaps, this quickness could dissolve the whole sample in few minutes and hence the voltage should be chosen in such a way that the current density is very small to begin with and this also allows the user to check repeatedly under the optical stage for semitransparent stage or holes that just has began.


Ammeter
Optical Trans-
Move Up
& Down
Electrolyte
Anode
Specimen
Glass container
DC Voltage

(b)

Publication After 18 months.

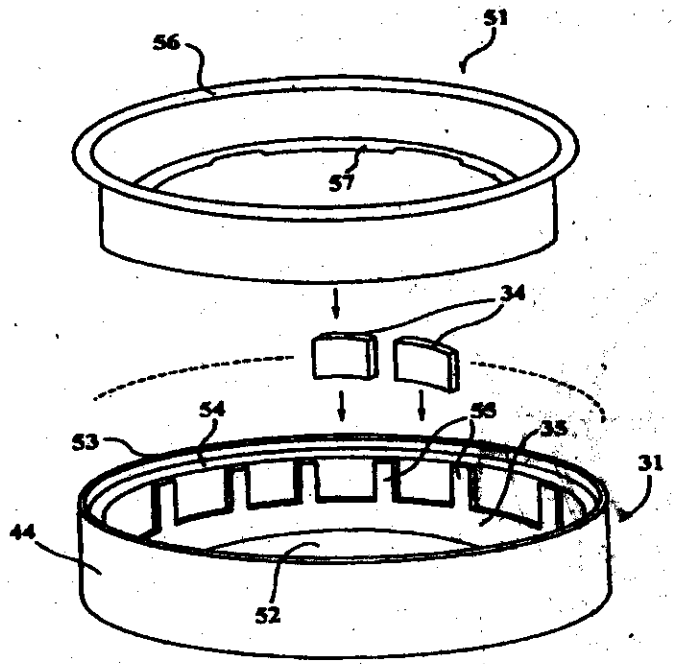
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.203/KOL/2003 A (22) Date of filing of application : 07/04/2003

(54) Title of the Invention : "MAGNET ARRANGEMENT FOR ROTATING ELECTRICAL MACHINE"

(51) International classification : H02K 21/12 (30) Priority Data : (31) Document No. 2002-107530 & 10/249378 (32) Date : 10/04/2002 & 03/04/2003 (33) Name of convention country : JAPAN & U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN. (72) Name of the Inventors : MORIMATSU MASAKI

(57) Abstract : Several embodiments of magnet retainers for rotating electrical machines that provide excellent magnet retention even if very thin high strength magnets are employed and without requiring adhesives.



Publication After 18 months.

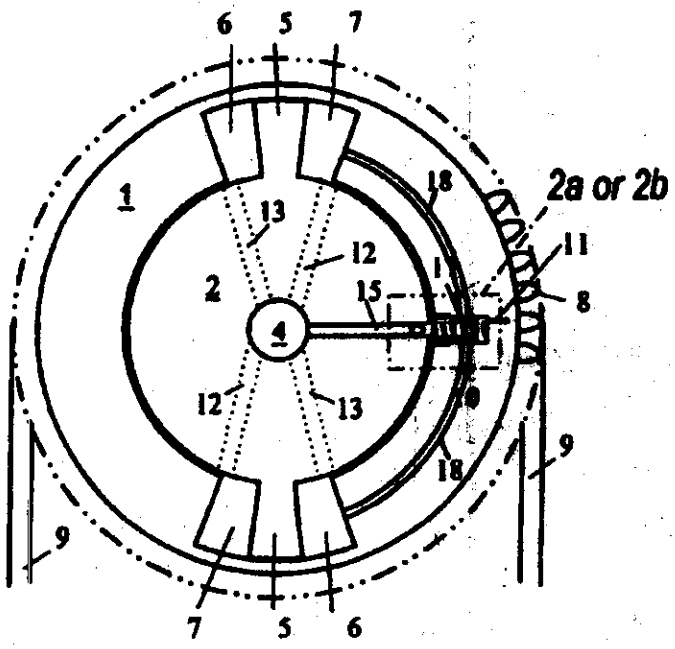
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.205/KOL/2003 A** (22) **Date of filing of application : 07/04/2003**

(54) **Title of the Invention : "AIR VENTING MECHANISM FOR VARIABLE CAMSHAFT TIMING DEVICES**

(51) **International classification : F01L 1/34** (30) **Priority Data :** (31) **Document No. 60/374, 165 & 10/376, 899** (32) **Date : 19/04/2002 & 28/02/2003** (33) **Name of convention country : U.S.A.** (66) **Filed U/s 5(2) :NIL** (61) **Patent of addition to application No. NA** (62) **Filed on :NA** (63) **Divisional to Application No. :NIL** (64) **Filed on :NA**	(71) **Name of the Applicant :** **BORGWARNER INC., AT 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS, MI48326-1782, U.S.A.** (72) **Name of the Inventors :** SMITH FRANKLIN R.,

(57) **Abstract** : A device includes; a locking member (10) substantially disposed within a closure in the housing (1), the locking member (10) locking the housing (1) and the rotor (2) free from relative rotation and independent of fluid flow; and at lest one vent passage (18) disposed between either the first chamber (6) or the second chamber (7) and the closure in the housing (1); thereby air within the chamber (6. 7) is purged and noise stopped.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.206/KOL/2003 A** (22) **Date of filing of application : 07/04/2003**

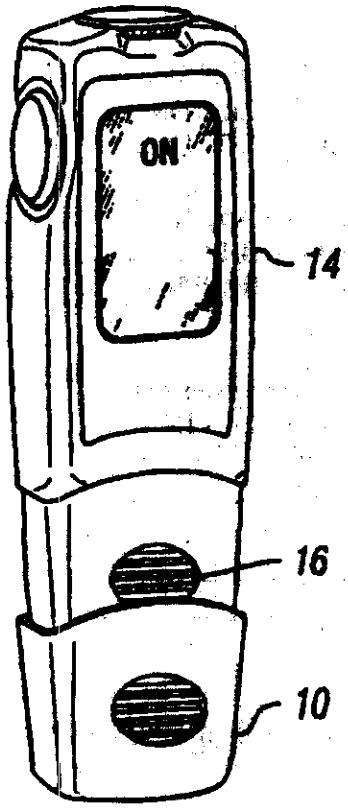
(54) **Title of the Invention : "MINIMAL PROCEDURE ANALYTE TEST SYSTEM"**

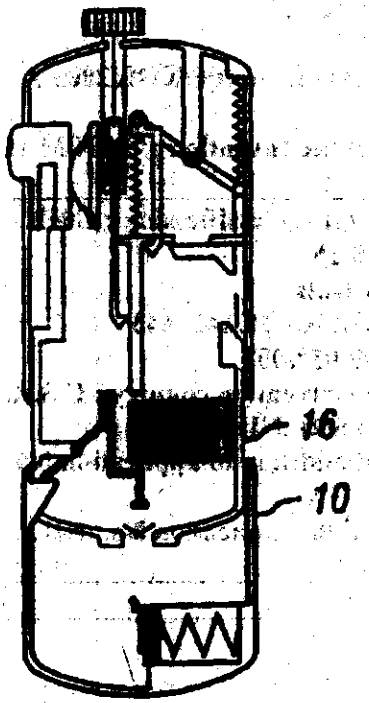
(51) International classification : G01N 21/78, A61B 5/15 **(30) Priority Data :** **(31) Document No. 10/142, 443** **(32) Date : 09/05/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A.** **(72) Name of the Inventors :** 1. MCALLISTER, DEVIN, 2. OLSON, LORIN, 3. SOHRAB, BORZU.

(57) Abstract :

A system employing an integrated analyte test strip including a biosensor and lancet is disclosed. The integration of lancet and the sensor elements eliminates the need to align the sensor to the biologic fluid sample after a lancet and lancing device are used in combination to pierce the skin. The system preferably includes a device comprising two body portions that slide relative to each other to both cock and fire a test strip at a target site. Meter reading and test strip disposal may be accomplished by removing the device from the target site. The device preferably employs a magazine loaded with test strips, with one strip being taken from the magazine each time the device is actuated. It preferably also includes a magazine in a cap to store spent test strips for disposal. The device may be turned on an off simply by removal and return of the cap.

206/KOL/2003 A





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.207/KOL/2003 A** (22) **Date of filing of application : 07/04/2003**

(54) **Title of the Invention : "HYDROPHILIC COATINGS FOR MEDICAL IMPLEMENTS"**

(51) International classification : A61L 31/10, A61M 5/178, C08G 63/688, G01N 21/78 **(30) Priority Data :** **(31) Document No. 10/137, 017** **(32) Date : 01/05/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A.** **(72) Name of the Inventors :** LEONG, KOON-WAH,

(57) Abstract : Composition, methods, devices and kits utilizing water-based hydrophilic coating formulations on medical implements. The composition for applying a coating comprises a sulfonated polyester, water, and a surface active agent. Methods for coating a medical implement comprise providing an aqueous dispersion comprising sulfonated polyester and surface active agent, contacting the medical implement with the aqueous dispersion, and drying the medical implement. Methods for acquiring a sample of bodily fluid from a patient comprise coating a needle with a sulfonated polyester, penetrating the needle into the patient, and drawing bodily fluid through the needle.

Publication After 18 months.

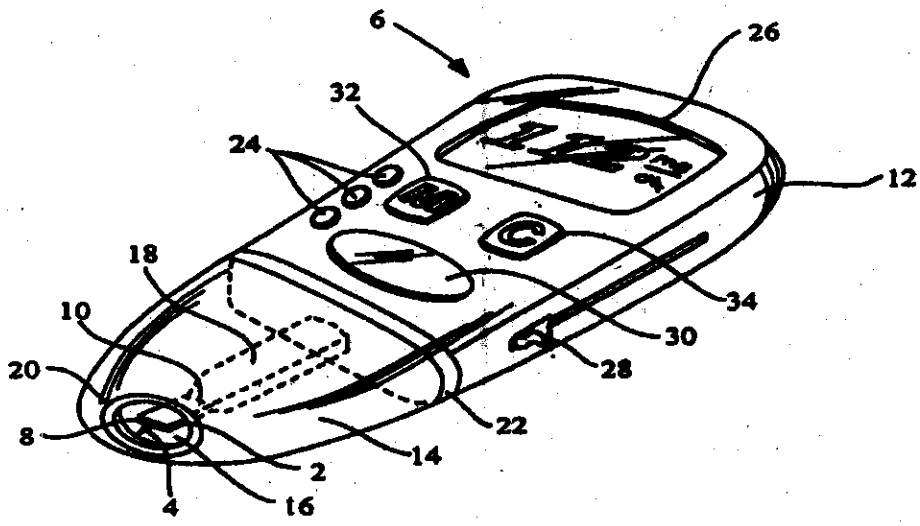
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.208/KOL/2003 A** (22) **Date of filing of application : 07/04/2003**

(54) **Title of the Invention** : "PHYSIONOGICAL SAMPLE COLLECTION DEVICES AND METHODS OF USING THE SAME"

(51) International classification : A61B 17/32, 5/15, 17/34, G01N 27/416, 21/78 **(30) Priority Data :** **(31) Document No. 10/153, 442** **(32) Date : 09/05/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on** :NA	**(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A.** **(72) Name of the Inventors :** 1. YUZHAKOV, VADIM, 2. MCALLISTER, DEVIN, 3. OLSON, LORIN, 4. LEONG, KOON-WAH, 5. TEODORCZYK, MARIA.

(57) **Abstract** : Devices, systems and methods are provided for piercing the skin, accessing and collecting physiological sample therein, and measuring a characteristic, e.g., an analyte concentration, of the sampled physiological sample. The subject devices are in the form of a test strip that include a biosensor and at least one skin-piercing element affixed to the test strip. The skin-piercing element conveys a biological fluid sample to a sensor element in the test strip. Systems are provided which include one or more test strip devices and a meter for making analyte concentration measurements. Methods for manufacturing and using the devise and systems are also provided.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.2099/KOL/2003 A (22) Date of filing of application : 08/04/2003

(54) Title of the Invention : "ENGINE CONTROL METHOD AND APPARATUS"

(51) International classification : F02P 5/00 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : KABUSHIKI KAISHA MORIC, OF 1450-6, MORI, MORI-MACHI, SHUUCHI-GUN, SHIZUOKA-KEN, JAPAN. (72) Name of the Inventors : 1. NAGATSU YOSHIYUKI, 2. ISODA NAOYA.

(57) Abstract : An improved method and system for the control of an engine system such as the spark timing. The control senses the speed variations either during a portion of a complete cycle and a complete cycle and/or from cycle to cycle in order to determine the load on the engine from pre-programmed maps based upon the engine characteristics. From this load and the speed reading, it is possible to obtain the desired engine control. In addition the timing is set in this method only under certain specified conditions and only in response to certain specific parameters. This not only reduces the costs of the system by reducing the number of sensors, but also permits adjustments to be made more rapidly.

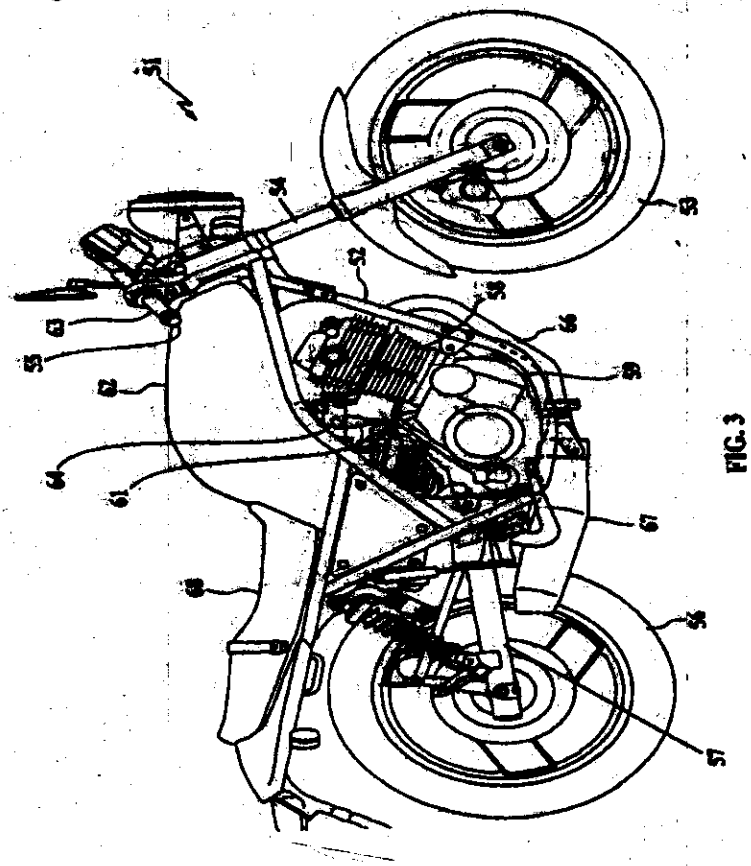


FIG. 3

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

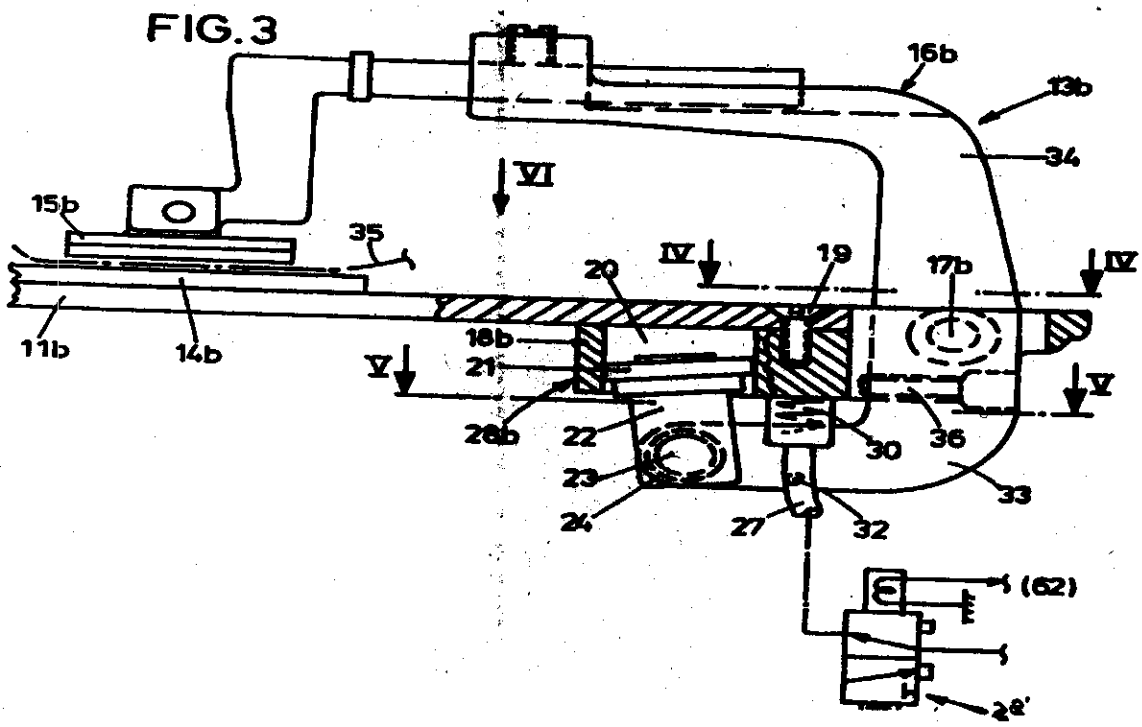
(21) **Application No. 211/KOL/2003 A** (22) **Date of filing of application : 08/04/2003**

(54) **Title of the Invention : "BUTTONHOLE SEWING MACHINE"**

(51) International classification : D05B 3/06, 37/04 **(30) Priority Data :** **(31) Document No. 10216810.5** **(32) Date : 16/04/2002** **(33) Name of convention country :GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : DURKOPP ADLER AKTIENGESELLSCHAFT, OF POTSDAMER STRASSE 190, D-33719 BIELEFELD, GERMANY.** **(72) Name of the Inventors :** 1. FRANSING HEINZ, 2. OBERNDORFER ANDREAS, 3. JANOCHA THEODOR.

(57) **Abstract** : A buttonhole sewing machine comprises work piece clamps (13b) with displacement drives (28b) for displacement from an initial position of spread by a length of spread into a final position of spread. The work piece clamp (13b) comprises a supporting plate (11b) for accommodation of a work piece (35) and a clamping plate (5) mounted on the supporting plate (11b). A clamping drive (28b) for actuation of the clamping plate (15b) supports itself on the supporting plate (11b).

FIG. 3



Publication After 18 months.

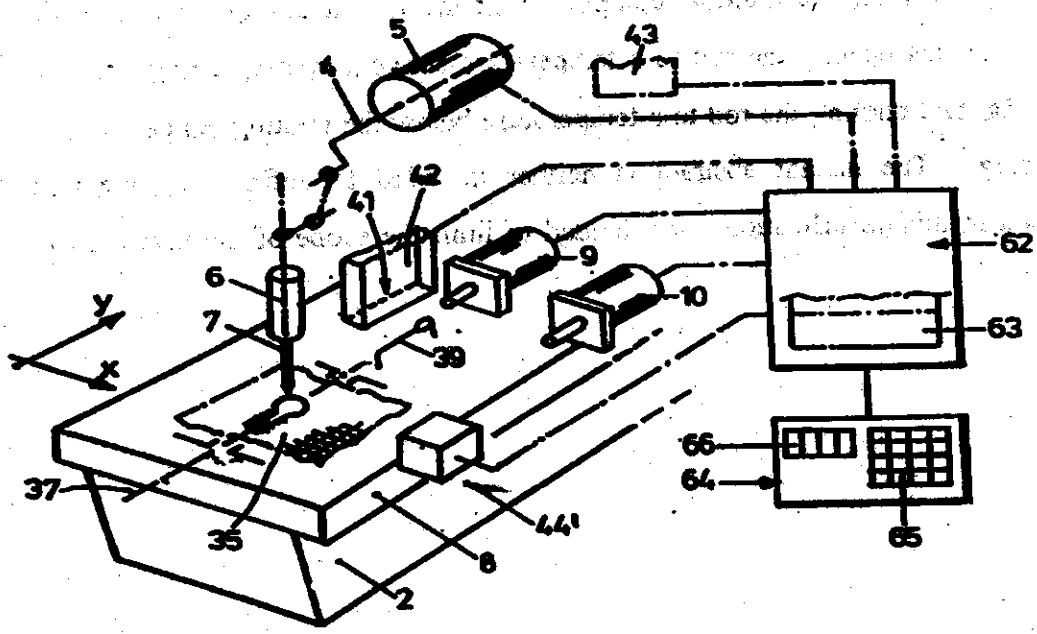
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 212/KOL/2003 A **(22) Date of filing of application : 08/04/2003**

(54) Title of the Invention : "CNC CONTROLLED BUTTONHOLE SEWING MACHINE"

(51) International classification : D05B 3/06, 37/04 **(30) Priority Data :** **(31) Document No. 10216809.1** **(32) Date : 16/04/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : DURKOPP ADLER AKTIENGESELLSCHAFT, OF POTSDAMER STRASSE 190, D-33719 BIELEFELD, GERMANY.** **(72) Name of the Inventors :** 1. NOLTGE THOMAS, 2. FISCHER JOCHEN.

(57) Abstract : A buttonhole sewing machine comprises work piece clamps with a pneumatically actuated displacement drive (44) for displacement relative to each other of the work piece clamps from an initial position of spread by a length of spread into a final position of spread. Only the first work piece clamp is displaceable relative to the x-y table (8). The displacement of the first work piece clamp is defined between two stop positions. A control unit (62) stores data for triggering an x drive (9) for reversed displacement of the x-y table (8) by half the given length of spread (d).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 213/KOL/2003 A (22) Date of filing of application : 09/04/2003

(54) Title of the Invention: "CIGARETTE FILTER AND PROCESS FOR MANUFACTURING THE SAME"

(51) International classification : A24D 3/02 (30) Priority Data : (31) Document No. 10217410.5 (32) Date : 18/04/2002 (33) Name of convention country :GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HAUNI MASCHINENBAU AG., OF KURT A. KORBER-CHAUSSEE 32-36, 21033 HAMBURG, GERMANY. (72) Name of the Inventors: 1. WOLFF, STEPHAN, 2. HORN, SONKE.

(57) Abstract :

Filter and process for producing filter for articles of the tobacco processing industry. The filter includes at least one filter component of multiple-component fibers. The multiple-component fibers have lengths shorter than a length of the filter. The process includes producing a rod including at least one type of multiple-component fibers having lengths shorter than a length of the filter to be produced. Further, the multiple-component fibers have a casing. The process further includes heating the rod to a temperature above a melting temperature of the casing, and cooling the rod to a temperature below the melting temperature of the casing. The instant abstract is neither intended to define the invention disclosed in this specification nor intended to limit the scope of the invention in any way.

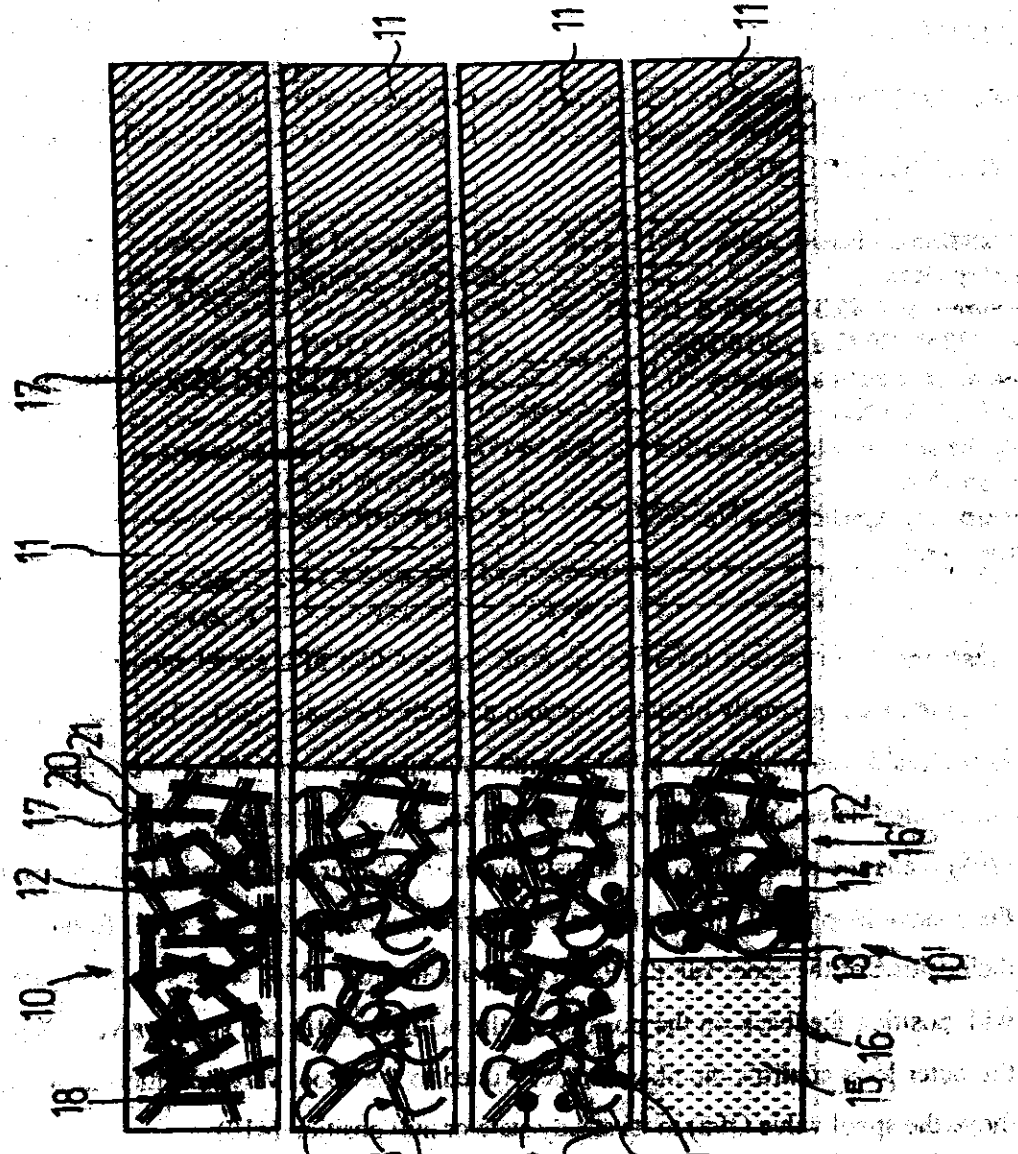


Fig. 1a Fig. 1b Fig. 1c Fig. 1d

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 214/KOL/2003 A **(22) Date of filing of application : 09/04/2003**

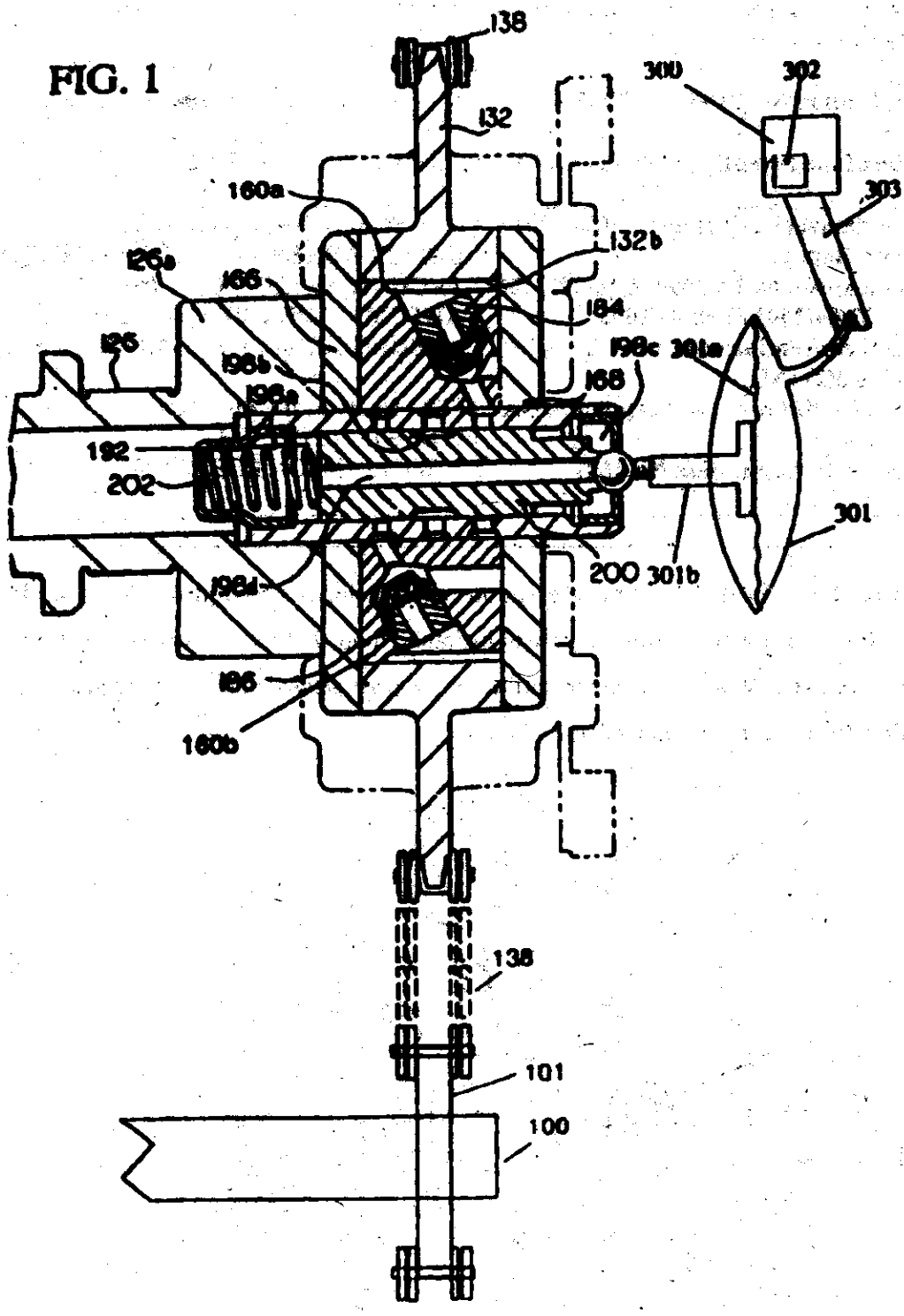
(54) Title of the Invention : "EXTERNALLY MOUNTED VACUUM CONTROLLED ACTUATOR WITH POSITION SENSOR CONTROL MEANS TO REDUCE FRICTIONAL AND MAGNETIC HYSTERESIS"

(51) International classification : F01L 1/34 **(30) Priority Data :** **(31) Document No. 60/374, 600 & 10/281, 736** **(32) Date : 22/04/2002 & 28/10/2002** **(33) Name of convention country :U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant :** **BORGWARNER INC., AT BORGWARNER POWERTRAIN AVENUE, 3800 AUTOMATION AVENUE, SUITE 100, AUBURN HILLS, MI 48326-1782, U.S.A.** **(72) Name of the Inventors :** 1. SIMPSON ROGER, 2. WING BRAMAN.

(57) **Abstract** : The present invention controls the position of a center mounted spool valve (192) with an externally mounted vacuum controlled actuator (301). The actuator position is preferably controlled by a pulse width modulated or variable force solenoid (302), which modulates the amount of vacuum going to the actuator (301). A microprocessor (208) reads the phase angle and adjusts the duty cycle or current based on error signal of the control loop (450). In a preferred embodiment, a position sensor (304) further controls the position of the spool valve (192). The position sensor (304) creates an inner loop (400) with position feedback on the position of the actuator (301) and spool valve (192). While the outer loop controls the phase angle. Added to the spool valve position is an offset to move the spool valve (192) to its steady state or null position (410).

214/KOL/2003 A

FIG. 1



Publication After 18 months.

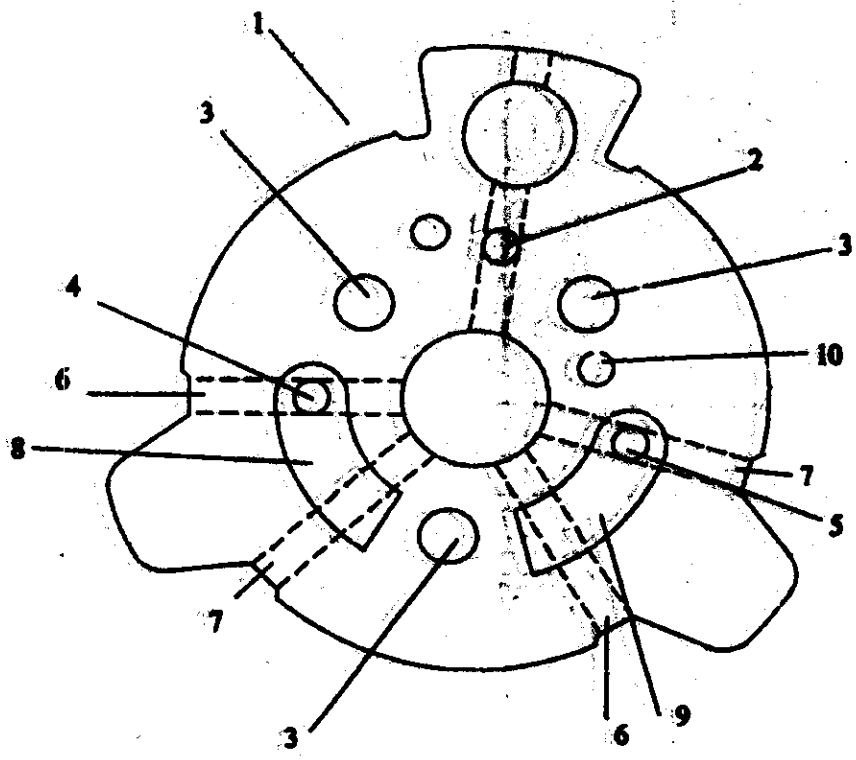
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 216/KOL/2003 A** (22) **Date of filing of application : 11/04/2003**

(54) **Title of the Invention : "REED VALVE VCT PHASER WITH WORK TRAILS"**

(51) **International classification : F01L 1/34**	(71) **Name of the Applicant :**
(30) **Priority Data :**	**BORGWARNER INC., AT POWERTRAIN**
(31) **Document No. 60/374, 599 & 10/391, 328**	**TECHNICAL CENTER, 3000**
(32) **Date : 22/04/2002 & 18/03/2003**	**AUTOMATION AVENUE, SUITE 100,**
(33) **Name of convention country :U.S.A.**	**AUBURN HILLS, MI 48326-1782, U.S.A.**
(66) **Filed U/s 5(2) :NIL**	
(61) **Patent of addition to application No. NA**	(72) **Name of the Inventors :**
(62) **Filed on :NA**	**1. LEWIS JEFFREY H.,**
(63) **Divisional to Application No. :NIL**	**2. WILLIAMSON ROBERT G.,**
(64) **Filed on :NA**	

(57) **Abstract** : The phaser of the present invention includes a reed plate. The reed plate has reed valves, which control the flow of hydraulic fluid. The reed valves are all inclusive on the reed late. Worm trails in the surface of the parts sandwiching the reed plate direct the flow to and from the reed valves.



Publication After 18 months.

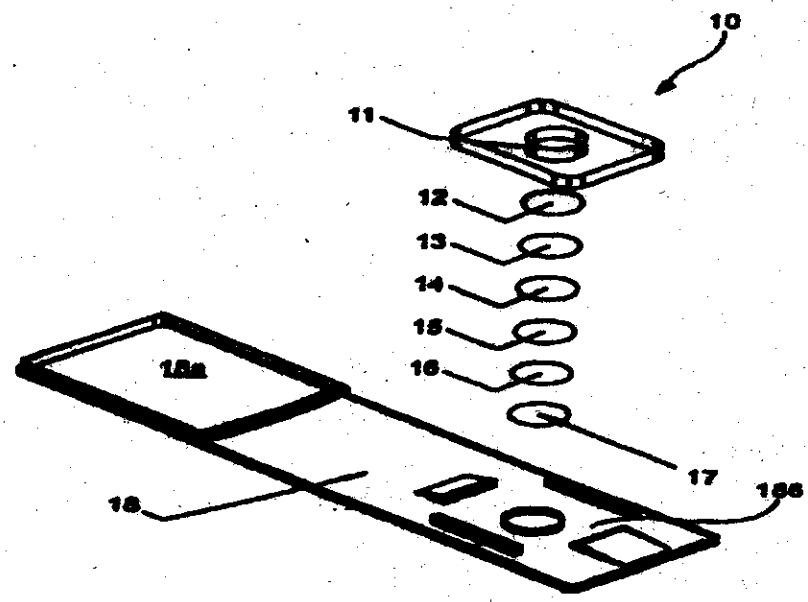
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 217/KOL/2003 A** (22) **Date of filing of application** : 11/04/2003

(54) **Title of the Invention** : "MULTILAYER REAGENT TEST STRIPS AND METHODS FOR USING THE SAME TO QUANTIFY GLYCATED PROTEIN IN A PHYSIOLOGICAL SAMPLE"

(51) International classification : G01N 33/48, C12M 1/34, C12Q 1/28, 1/26 **(30) Priority Data :** **(31) Document No. 10/144, 562** **(32) Date : 10/05/2002** **(33) Name of convention country :U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAL, CALIFORNIA 95035-6312, U.S.A.** **(72) Name of the Inventors :** 1. QIAN, SUYUE, 2. GUO, SHERRY, 3. LEONG, KOON-WAH,

(57) **Abstract** : Multilayer reagent test strips for quantitating glycated protein in a fluid sample, as well as methods for using the same, are provided. The subject multilayer test strips include at least a filter layer, a proteinase layer and a ketoamine oxidase signal producing and fluid flow control system layer. In using the subject test strips, a fluid sample is applied to the test strip and a signal is generated that can be employed to quantitated the glycated protein level in the sample. The quantitated glycated protein level can then be employed to determine the amount of glycated protein in the fluid sample. Also provided are kits and systems that include the subject test strips and find use in practicing the subject methods. The subject compositions and methods find use in glycated protein monitoring applications, among other utilities.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

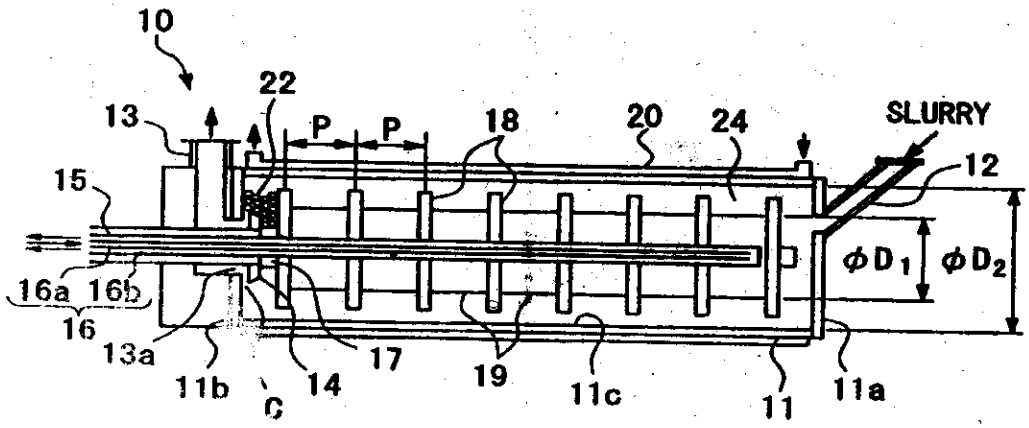
(21) **Application No. 222/KOL/2003 A** (22) **Date of filing of application : 11/04/2003**

(54) **Title of the Invention : "DISPERSION APPARATUS AND DISPERSION METHOD"**

(51) International classification : B01F 7/10 **(30) Priority Data :** **(31) Document No. 2002-128986** **(32) Date : 30/04/2002** **(33) Name of convention country : JAPAN** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : DAINIPPON INK AND CHEMICALS, INC., OF 35-58, SAKASHITA 3-CHOME, ITABASHI-KU, TOKYO, JAPAN AND DIC TECHNOLOGY CORPORATION, OF 7-20, NIHONBASHI 3- CHOME, CHUO-KU, TOKYO, JAPAN.** **(72) Name of the Inventors :** 1. OOTOSHI YOSHIHARU, 2. UEDA HIROSHI.

(57) **Abstract :**

The present invention relates to the field of atomization of a range of slurries of paint, printing ink, pharmaceuticals, food, etc. and discloses a dispersion apparatus and a dispersion method which enable process material to be dispersed efficiently without causing an increase in driving force and the quality of processed material is improved by the use of rotors (19) and agitating discs (18) fixed alternately on a main shaft (15) in a cylinder (11) to rotate in unison such that the outside diameter of the rotors (19) is D1, the inside diameter of the cylinder is D2 and D1/D2 is set in a range of 0.4 to 0.7. Also, the ratio D1/P of the array pitch P of the agitating discs (18) and the outside diameter D1 of the rotors is set in a range of 1.4 to 3.0.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

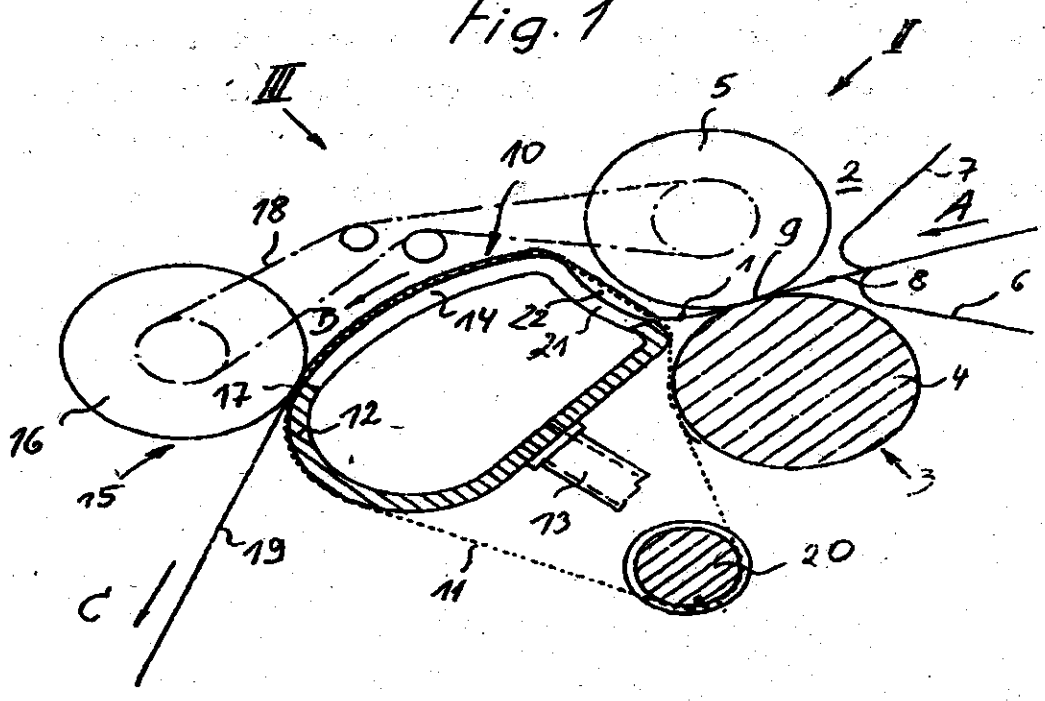
(21) **Application No. 224/KOL/2003 A** (22) **Date of filing of application : 16/04/2003**

(54) **Title of the Invention : "AN ARRANGEMENT IN A SPINNING MACHINE FOR CONDENSING A FIBRE STRAND"**

(51) International classification : D01H 13/30 **(30) Priority Data :** **(31) Document No. 10218843.2** **(32) Date : 23/04/2002** **(33) Name of convention country :** **GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant :** **MASCHINENFABRIK RIETER AG., OF KLOSTERSTRASSE 20, 8406 WINTERTHUR SWITZERLAND.** **(72) Name of the Inventors :** STAHLECKER GERD.

(57) **Abstract** : An arrangement for condensing a fibre strand is provided in a spinning machine, which fibre strand exits from a front roller pair of a drafting unit and enters a condensing zone arranged directly downstream thereof. An air permeable transport belt serves to transport the fibre strand through the condensing zone. The transport belt is guided in a sliding action on a stationary suction channel, which comprises a suction slit covered by the transport belt which suction slit begins in close proximity to the front roller pair and ends at the end of the condensing zones at a nipping line. The suction slit follows, in the direction of motion of the transport belt, the periphery of the upper roller at a distance therefrom along a peripheral angle of at first at least 30°, after which the suction slit defects at an angle of at least 90° and continues in a distinct curve to its end.

Fig. 1



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 225/KOL/2003 A** (22) **Date of filing of application : 16/04/2003**

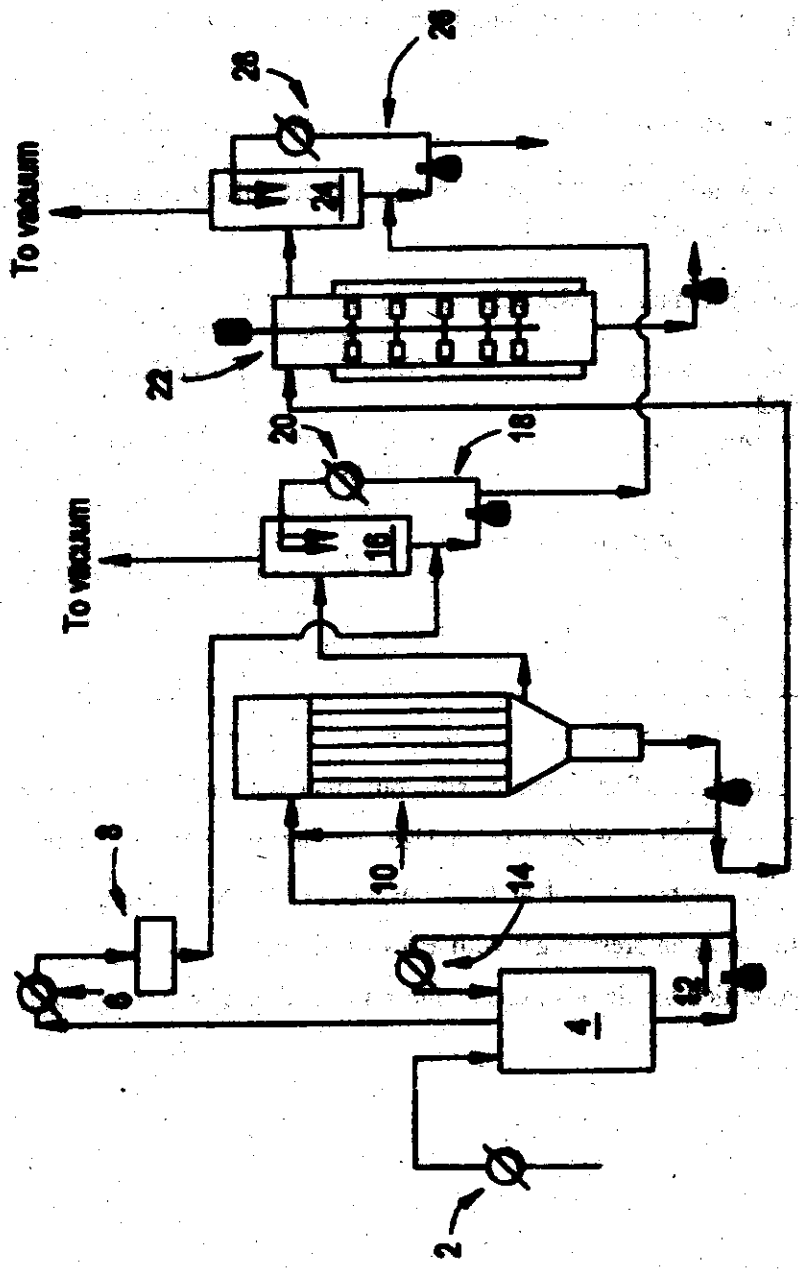
(54) **Title of the Invention : "PROCESS TO ISOLATE DIANHYDRIDES"**

(51) International classification : C07 45/02, B01D 3/42 **(30) Priority Data :** **(31) Document No. 10/063, 795** **(32) Date : 14/05/2002** **(33) Name of convention country : U.S.A.** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.** **(72) Name of the Inventors :** 1. GUGGENHEIM, THOMAS LINK, 2. MONGILIO, DAVID ANTHONY.

(57) Abstract

A process to isolate dianhydride from an exchange reaction comprises extracting a bisimide/anhydride exchange reaction aqueous phase with an organic solution comprising an exchange catalyst at a first temperature and pressure to form an extracted aqueous phase comprising water, exchange catalyst and a dianhydride precursor; removing water from the extracted aqueous phase at a second temperature and pressure to form a molten phase, wherein the second pressure is less than the first pressure; removing water and exchange catalyst from the molten phase at a third temperature and pressure to form an isolation mixture; and converting the dianhydride precursor in the isolation mixture to dianhydride at a fourth temperature and pressure, wherein the fourth temperature is greater than the second and third temperatures and the fourth pressure is less than the second and third pressures.

225/KOL/2003 A



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 226/KOL/2003 A **(22) Date of filing of application : 16/04/2003**

(54) Title of the Invention : "SILANE-MODIFIED OXIDIC OR SILICEOUS FILLER, PROCESS FOR ITS PRODUCTION AND ITS USE"

(51) International classification : C08K 3/39 **(30) Priority Data :** **(31) Document No. 102 18 350.3** **(32) Date : 25/04/2002** **(33) Name of convention country :** **GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : DEGUSSA AG., BENNIGSENPLATZ 1 DE-40474 DUSSELDORF, GERMANY.** **(72) Name of the Inventors :** 1. KORTH, KARSTEN, DR., 2. EICHENAUER, KURT, 3. PIETER, REIMUND DR., 4. KLOCKMANN, OLIVER DR., 5. HEIDLAS, JURGEN DR., 6. OBER, MARTIN, 7. ZOBEL, RUDOLF.

(57) **Abstract :** Silane-modified oxidic or siliceous filler with a bead fraction below 75µm of less than 15 wt.% and a median particle size distribution between 150 and 500µm, which is produced by the reaction of at least one micro beaded or miero granular, oxidic or siliceous filler in a compressed gas with at least one silane.

The silane-modified oxidic or siliceous fillers are used in rubber compounds.

Publication After 18 months.

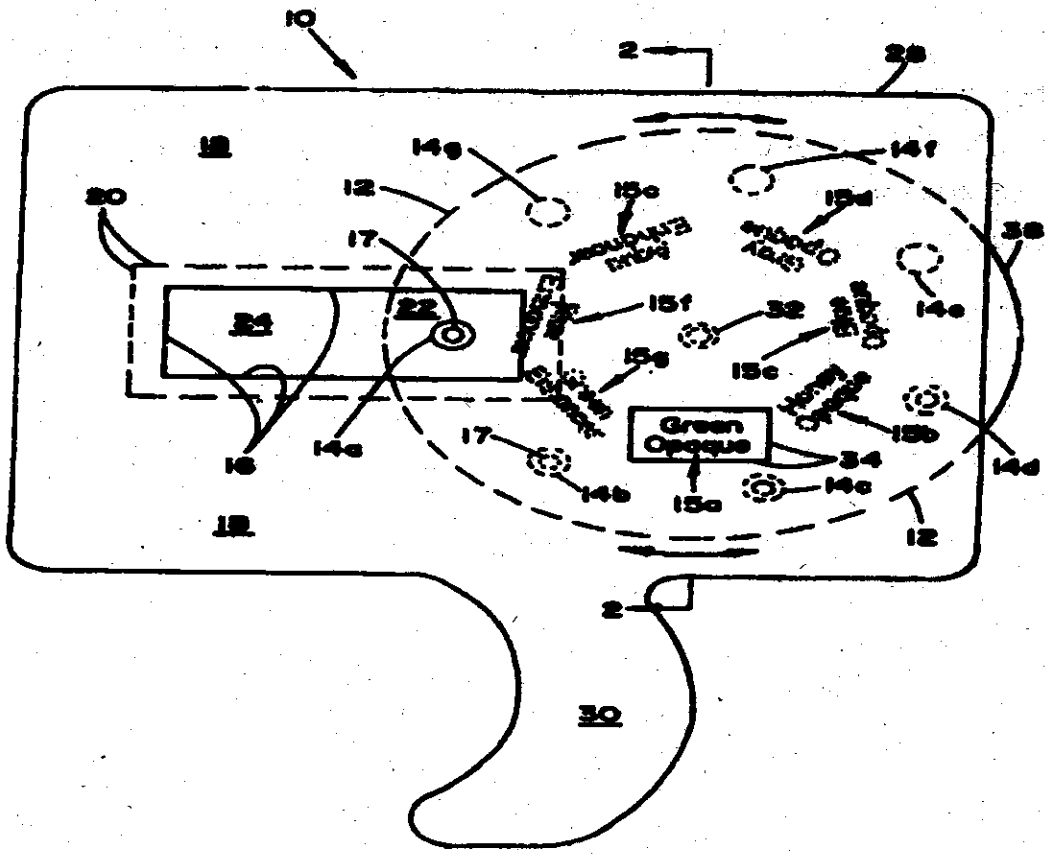
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 227/KOL/2003 A (22) Date of filing of application : 16/04/2003

(54) Title of the Invention : "COLORED/TINTED CONTACT LENS PREVIEW DEVICE"

(51) International classification : G02C 7/09 (30) Priority Data : (31) Document No. 10/126, 418 (32) Date : 19/04/2002 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE, INC., OF 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE FL 32256, U.S.A. (72) Name of the Inventors : PINCIARO, BRYAN D.,

(57) Abstract : A colored/tinted contact lens preview device which is a beauty mirror sales aid to enable a prospective purchaser or wearer of colored or tinted contact lenses to preview the appearance of different color or tint patterns of contact lenses as they would appear as a colored or contact lens on the eye of the person. The preview device comprises a transparent substrate with a selection of different color or tint circular or annular/toroidal patterns, each of which simulates a contact leans with that particular color or tint pattern. In usage, a person views their eye in a mirror with a particular color or tint pattern of interest superimposed over the eye, such that the preview device simulates the appearance of that particular color or tint contact lens on the eye of the person.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

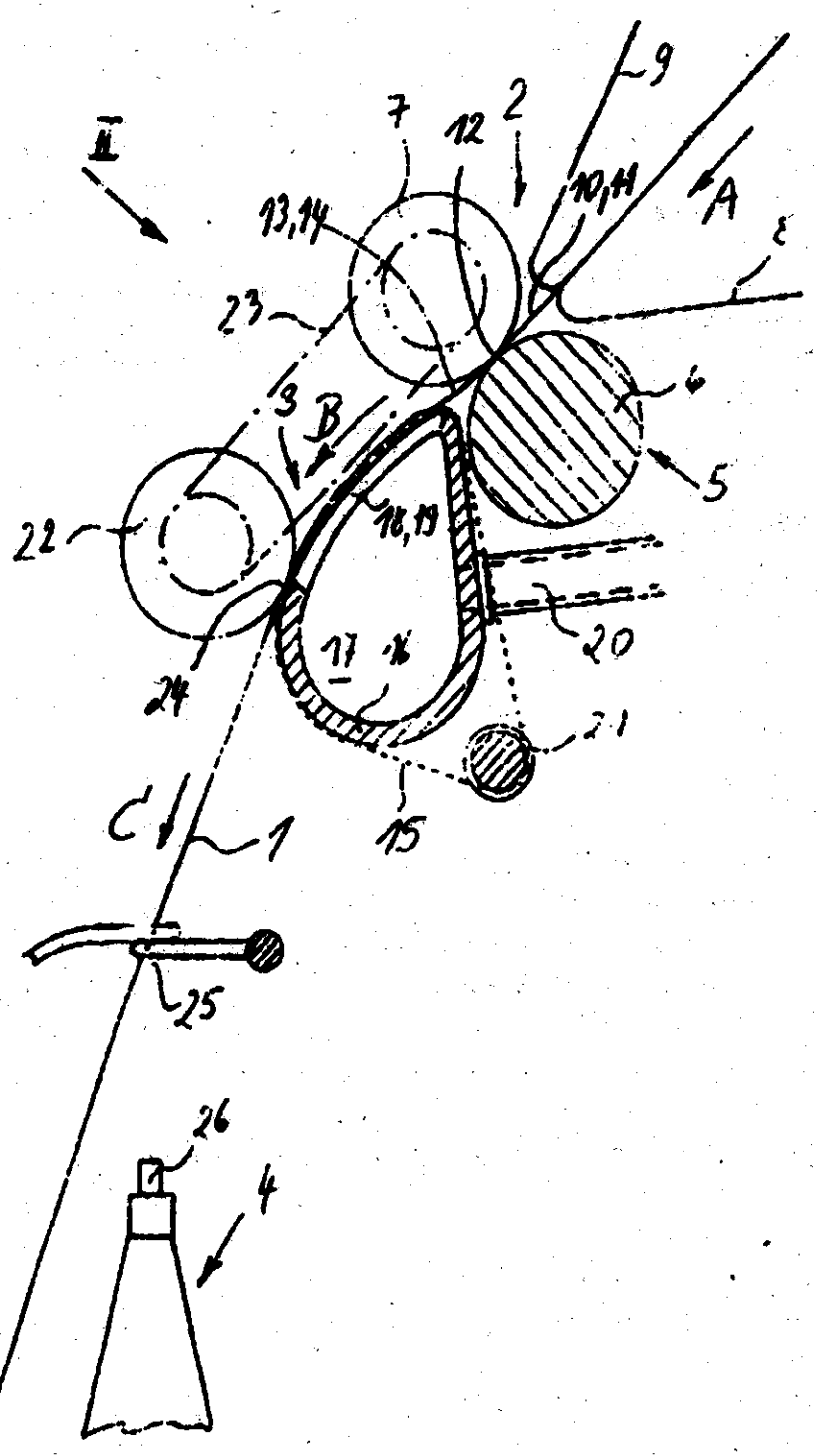
(21) Application No. 228/KOL/2003 A **(22) Date of filing of application : 16/04/2003**

(54) Title of the Invention : "AN ARRANGEMENT FOR PRODUCING A MOCK PLY YARN"

(51) International classification : D01H 5/70, 5/26, 5/66, 5/86 **(30) Priority Data :** **(31) Document No. 10218794.0** **(32) Date : 22/04/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : SPINDELFABRIK SUSSEN SCHURR STAHLECKER & GRILL GMBH, OF DAMMSTRASSE 1, 73079 SUSSEN, GERMANY.** **(72) Name of the Inventors :** BRUNK NORBERT

(57) Abstract : Disclosed is an arrangement for manufacturing a mock ply yarn, comprising a drafting unit, a condensing zone arranged downstream thereof and also comprising a twisting device which twists two drafted and condensed fibre strands together. An air-permeable transport element transports the drafted fibre strands to be condensed over suction slits arranged adjacently to one another. The condensing zone is bordered on its exit side by a twist block roller which nips the condensed fibre strands to a nipping line. According to the present invention it is provided that the suction slits, in the direction of motion of the transport element taper towards each other until only a small gap is left between them. This gap should be large enough to keep the fibre strands apart at the nipping line of the twist block roller.

228/KOL/2003 A



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 231/KOL/2003 A** (22) **Date of filing of application : 22/04/2003**

(54) **Title of the Invention : "PROCESS FOR PREPARING A GRAFTED COPOLYMER"**

(51) International classification : C08F 290/04, C09D 151/00, C08G 81/02 **(30) Priority Data :** **(31) Document No. 96/01368** **(32) Date : 30/01/96** **(33) Name of convention country : FRANCE** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :165/CAL/97** **(64) Filed on :28/01/97**	**(71) Name of the Applicant : LES PEINTURES JEFCO, OF 607, RUE SAINT-PIERRE, 13012, MARSEILLE, FRANCE.** **(72) Name of the Inventors :** **1. LEGRAND PIERRE,** **2. RIESS GERARD,** **3. LERCH JEAN-PHILIPPE,** **4. LEFEVRE DANIEL**

(57) **Abstract :**

A process for preparing a grafted copolymer comprising at least three sequences of distinct chemical nature, among which one or more sequence(s) for anchoring on the solid particles, one or more sequence(s) of hydrophobic character and one or more sequence(s) of hydro-philic character, constituted by:

a) 1 to 80% by mass, preferably 5 to 40% by mass, of one or more sequence(s) for anchoring on the solid particles, as described herein; and

b) 10 to 90% by mass, preferably 25 to 80% by mass, of one or more sequence(s) of hydrophobic character, as described herein; and

c) 10 to 90% by mass, preferably 15 to 70% by mass, of one or more sequence(s) of hydrophilic character, as described herein, said process comprising the steps of :

A) the radical copolymerization of :

i) 10 to 90% by mass, preferably 15 to 70% by mass, of one or more monomer(s) of hydrophilic character, and

ii) 0 to 90% by mass, preferably 0 to 80% by mass, of one or more macromonomer(s) as defined herein, and

iii) 0 to 80% by mass, preferably 0 to 40% by mass, of one or more macromonomer(s) as defined herein, and

iv) 0 to 80% by mass, preferably 0 to 40% of one or more monomer(s) containing at least one group capable of being engaged in a coupling reaction, as defined herein, and

B) grafting on this preformed chain of :

v) 0 to 90% by mass, preferably 0 to 80% by mass, of one or more telomer(s) as defined herein, and

vi) 0 to 80% by mass, preferably 0 to 40%, of one or more telomer(s) as defined herein.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 232/KOL/2003 A **(22) Date of filing of application : 22/04/2003**

(54) Title of the Invention : "A PROCESS FOR PREPARING A COMPOSITION USING GRAFTED CO-POLYMER"

(51) International classification : C08F 290/04, C09D 151/00, C08G 81/02 **(30) Priority Data :** **(31) Document No. 96/01368** **(32) Date : 30/01/96** **(33) Name of convention country : FRANCE** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :165/CAL/97** **(64) Filed on :28/01/97**	**(71) Name of the Applicant : LES PEINTURES JEFCO, OF 607, RUE SAINT-PIERRE, 13012, MARSEILLE, FRANCE.** **(72) Name of the Inventors :** 1. LEGRAND PIERRE, 2. RIESS GERARD, 3. LERCH JEAN-PHILIPPE, 4. LEFEVRE DANIEL.

(57) Abstract :

A process for preparing a composition constituted of :

i) solid particles dispersed in an organic and aqueous solvent, such as herein described;

ii) a grafted copolymer, comprising one or more copolymer having at least three sequences of distinct chemical nature, among which one or more sequence(s) for anchoring on the solid particles, one or more sequence(s) of hydrophobic character and one or more sequence(s) of hydro-philic character, said sequence(s) being:

a) 1 to 80% by mass, preferably 5 to 40% by mass, of one or more sequence(s) for anchoring on the solid particles, as defined herein, and

b) 10 to 90% by mass, preferably 25 to 80% by mass, of one or more sequence(s) of hydrophobic character, as defined herein, and

c) 10 to 90% by mass, preferably 15 to 70% by mass, of one or more sequence(s) of hydrophilic character, as defined herein, and

iii) at least one solid selected from the group consisting of an inorganic pigment, a metallic pigment and organic pigment, a mineral filler and a fibrous solid, such as herein described ;

said process comprising the steps of :

mixing the solid particles, such as herein described, with one or more said copolymer producing a mixture and;

dispersing the mixture in a medium selected from the group consisting of aqueous, organic or mixture thereof, such as herein described.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 233/KOL/2003 A** (22) **Date of filing of application : 22/04/2003**

(54) **Title of the Invention : "A PROCESS FOR PREPARING A GRAFTED COPOLYMER"**

(51) International classification : C08F 290/04, C09D 151/00, C08G 81/02 **(30) Priority Data :** **(31) Document No. 96/01368** **(32) Date : 30/01/96** **(33) Name of convention country : FRANCE** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :165/CAL/97** **(64) Filed on :28/01/97**	**(71) Name of the Applicant : LES PEINTURES JEFCO, OF 607, RUE SAINT-PIERRE, 13012, MARSEILLE, FRANCE.** **(72) Name of the Inventors :** 1. LEGRAND PIERRE, 2. RIESS GERARD, 3. LERCH JEAN-PHILIPPE, 4. LEFEVRE DANIEL.

(57) **Abstract :**

A process for preparing a grafted copolymer comprising at least three sequences of distinct chemical nature, among which one or more sequence(s) for anchoring on the solid particles, one or more sequence(s) of hydrophobic character and one or more sequence(s) of hydro-philic character, constituted by:

a) 1 to 80% by mass, preferably 5 to 40% by mass, of one or more sequence(s) for anchoring on the solid particles, as defined herein; and

b) 10 to 90% by mass, preferably 25 to 80% by mass, of one or more sequence(s) of hydrophobic character, as defined herein; and

c) 10 to 90% by mass, preferably 15 to 70% by mass, of one or more sequence(s) of hydrophilic character, as defined herein; said process comprising the steps of :

A) the radical copoly-merization of:

i) 10 to 90% by mass, preferebly 25 to 80% by mass, of one or more monomer(s) of hydrophobic character, and

ii) 0 to 90% by mass, preferably 0 to 70% by mass, of one or more macromonomer(s) as defined herein; and

iii) 0 to 80% by mass, preferably 0 to 40% by mass, of one or more macromonomer(s) as defined herein, and

iv) 0 to 80% by mass, preferably 0 to 40%, of one or more monomer(s) containing at least one group such as herein described, capable of being engaged in a coupling reaction, as defined herein, and

B) grafting on this preformed chain :

233/KOL/2003 A

v) 0 to 90% by mass, preferably 0 to 70%, of one or more telomer(s) as defined herein,

vi) 0 to 80% by mass, preferably 0 to 40%, of one or more telomer(s) as defined herein.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 234/KOL/2003 A** (22) **Date of filing of application : 22/04/2003**

(54) **Title of the Invention : "A TURBO MACHINE, ESPECIALLY A WATER TURBINE"**

(51) International classification : F03B 3/00 **(30) Priority Data :** **(31) Document No. DE10222601.6** **(32) Date : 17/05/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NA** **(64) Filed on :NA**	**(71) Name of the Applicant : VOITH SIEMENS HYDRO POWER GENERATION GMBH & CO. KG., OF ALEXANDERSTRASSE 11, 89522 HEIDENHEIM, GERMANY.** **(72) Name of the Inventors :** 1. ENGELHARDT MICHAEL, 2. HORN GUNTHER.

(57) Abstract : The invention relates to a component made of metal for water turbine or any other turbo machine, comprising the following features:

- with a protective layer which is applied to regions of the component and forms the water-guiding surfaces.

According to the invention such a component comprises the following further features;

- with at least one layer of fibers which is embedded in the protective layers;
- with the material of the layer of fibers being chosen from ;an aromatic polyamide or a plastic material of a similar or the same impact strength.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 235/KOL/2003 A (22) Date of filing of application : 22/04/2003

(54) Title of the Invention : "PROTECTOR FOR THERMAL SWITCH INSTALLED IN ELECTROMAGNETIC COILS"

(51) International classification : H01H 37/04; H03K 11/00; H02H 05/04 (30) Priority Data : (31) Document No. PS1999 (32) Date : 19/04/2002 (33) Name of convention country : AUSTRALIA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA	(71) Name of the Applicant : F F SEELEY NOMINEES PTY LTD, OF 1-11 ROTHESAY AVENUE, SE MARYS, SOUTH AUSTRALIA, AUSTRALIA. (72) Name of the Inventors : 1. STEVEN CLYDE MCMICHAEL, 2. ROBERT WITTON JAMES, 3. ANTHONY DAVID COLLIVER, 4. ANDREW SCOTT FRIEBE, 5. ROBERT REGINALD MARA.

(57) Abstract : A protective device fitted to an electromagnetic coil to prevent damage to a thermal protective switch installed in the electromagnetic coil beneath the winding. In a preferred embodiment there is a subsequent encapsulation process following manufacture of the coil. Preferably, said device comprises a protective cap shaped to conform with the shape of the thermal switch and closely fitting the thermal switch and wiring connected thereto.

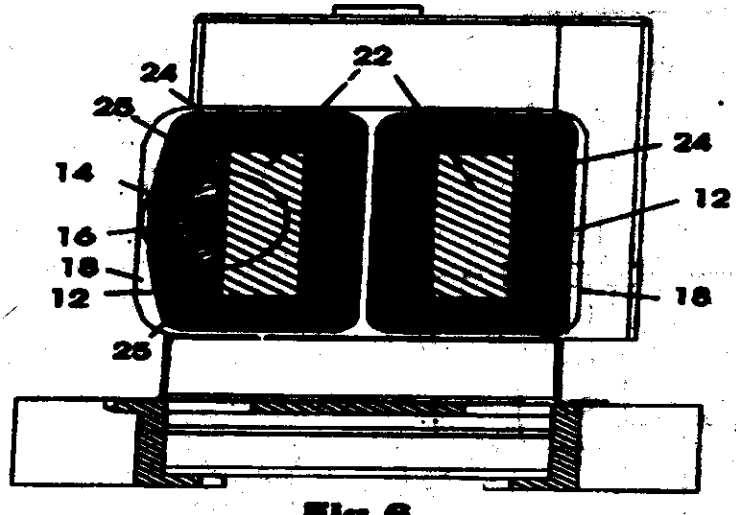


Fig 6

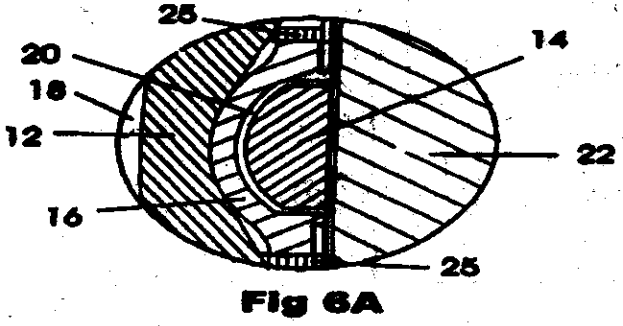


Fig 6A

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 236/KOL/2003 A** (22) **Date of filing of application : 24/04/2003**

(54) **Title of the Invention :** "DEVICE FOR RECEIVING AND/OR FOR PROCESSING VIDEO SIGNALS, MEMORY CARD, ASSEMBLY COMPOSED OF SUCH A DEVICE AND OF SUCH A CARD AND PROCESS FOR CONTROLLING SUCH A DEVICE"

(51) **International classification : H04N 17/04** (30) **Priority Data :** (31) **Document No. 0206331** (32) **Date : 22/05/2002** (33) **Name of convention country : FRANCE** (66) **Filed U/s 5(2) :NIL** (61) **Patent of addition to application No. NA** (62) **Filed on :NA** (63) **Divisional to Application No. :NA** (64) **Filed on :NA**	(71) **Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI A. LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE.** (72) **Name of the Inventors :** 1. LANGUEDOC THIERRY, 2. ROBERT FRANCOIS.

(57) **Abstract :** A device for receiving and/or for processing video signals (2) comprises a memory card reader (22) which receives a secure memory card (24) and a microprocessor (18) associated with the card reader (22) so as to communicate with the memory card (24).

A memory (30) associated with the microprocessor (18) contains at least one test program for the device and the secure memory card (24) contai9ns at least one item of information relating to the execution of the test program.

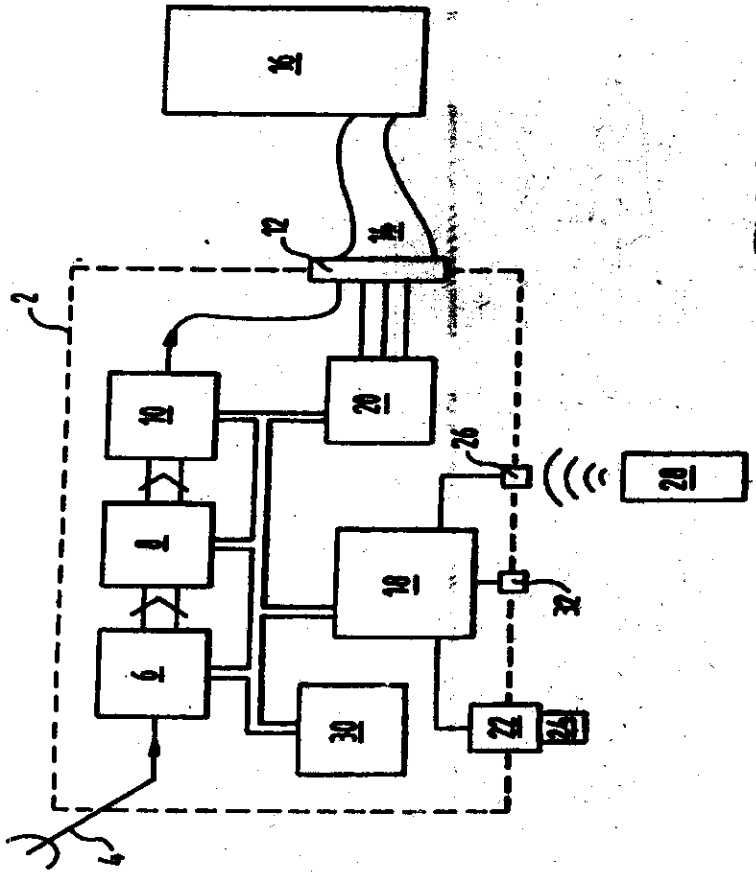


FIG.1

Publication After 18 months.

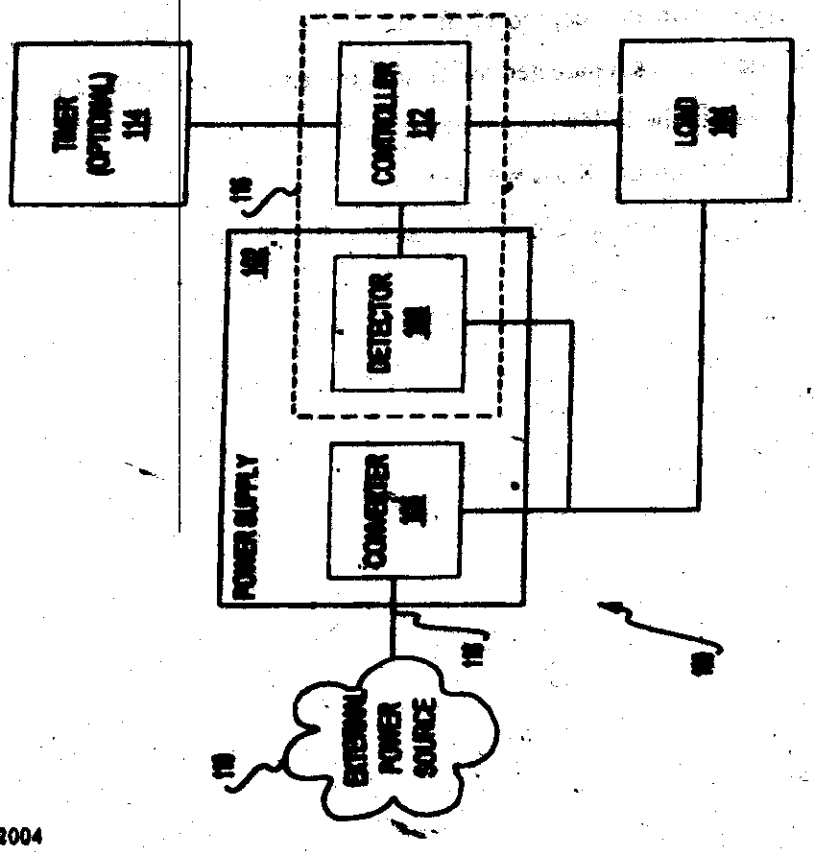
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 237/KOL/2003 A (22) Date of filing of application : 24/04/2003

(54) Title of the Invention : "CAUSING OPERATION OF LOAD IN ALTERNATE, REDUCED PEAR POWER MODE"

(51) International classification : H02J 4/00 (30) Priority Data : (31) Document No. 10/172177 (32) Date : 14/06/2002 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA	(71) Name of the Applicant : HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., OF 20555 S. H. 249, HOUSTON, TEXAS 77070, U.S.A. (72) Name of the Inventors : RADLEY THOMAS G.,

(57) Abstract : A system (100) of one embodiment is disclosed that includes a load (104), a power supply (102), and a mechanism (116). The load (104) is operable in a default mode and an alternate mode. The load (104) has better performance in the default mode than in the alternate mode, and consumes less peak power in the alternate mode than in the default mode. The power supply (102) is connectable to an external power source (110) to provide voltage to at least the load (104). The mechanism (116) causes the load (104) to operate in the alternate mode upon detecting the voltage provided by the power supply (102) dropping below a predetermined threshold level than a predetermined threshold number of times.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 242/KOL/2003 A** (22) **Date of filing of application : 25/04/2003**

(54) **Title of the Invention : "PROCESS FOR PREPARING OPHTHALMIC COMPOSITION EFFECTIVE AGAINST PATHOGENIC MICROBODIES"**

(51) International classification : A61F **(30) Priority Data :** **(31) Document No.** **(32) Date :** **(33) Name of convention country :** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NIL** **(64) Filed on :NA**	**(71) Name of the Applicant : ASHIS KUMAR LAHIRI, OF. "ASHOKE APARTMENTS" FLAT-3D, 44, S. R. DAS ROAD, KOLKATA-700 026, WEST BENGAL, INDIA.** **(72). Name of the Inventors :** **ASHIS KUMAR LAHIRI**

(57) Abstract : Prolonged use of ophthalmic composition containing Levofloxacin alone has been found to be associated with a number of disadvantages like over-growth of non-susceptible organism, elevation of plasma concentration of theophylline, interference with the metabolism of caffeine, transient elevations in serum creatinine, etc.

The present invention aims at overcoming the aforementioned drawbacks and provides a process for preparing an ophthalmic composition comprising a fluoroquinolone derivative "Levofloxacin" and Hydroxypropylmethylcellulose (IP), the combination of which shows enhanced action against pathogenic microbodies, characterized in that the above ingredients are admixed in the form their aqueous solutions in the following amounts;

i) Levofloxacin – around 0.5% w/v and

ii) Hydroxypropylmethylcellulose (IP) – around 0.25% w/v.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 243/KOL/2003 A (22) Date of filing of application : 25/04/2003

(54) Title of the Invention : "PROCESS FOR PREPARAING A NOVEL OPHTHALMIC COMPOSITION SHOWING IMPROVED ACTION AGAINST OCULAR DISEASES"

(51) International classification : A61F 5/00 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ASHIS KUMAR LAHIRI, OF "ASHOKE APARTMENTS" FLAT -3D, 44, S. R. DAS ROAD, KOLKATA- 700 026, WEST BENGAL, INDIA. (72) Name of the Inventors : ASHIS KUMAR LAHIRI

(57) Abstract :

Ophthalmic compositions containing corticosteroid such as a glucocorticoid and compositions containing fluoroquinolone like ciprofloxacin hydrochloride have been in use, but preparing a composition containing both these ingredients has not so far been successful due mainly to difficulty in bringing Dexamethasone into solution.

The present invention has overcome the above problem and provides a process for preparing an ophthalmic composition showing improved action against microbial ocular infections along with inflammatory and allergic manifestations, which comprises -

i) a glucocorticoid like Dexamethasone (IP) having anti-inflammatory and anti-allergic properties ;
ii) a fluoroquinolone derivative like Ciprofloxacin Hydrochloride (IP) having anti-bacterial properties ;
iii) a Cyclodextrin derivative such as Hydroxypropyl β-cyclodextrin and
iv) Hydroxypropylmethylcellulose (IP),

wherein (a) the glucocorticoid is solubilised with the help of Cyclodextrin derivative, (b) the fluoroquinolone is solubilised in purified water along with Disodium ethylenediamine tetra-acetate, Acetic Acid, Sodium Acetate, Mannitol, "Polysorbate 80" and Benzalkonium Chloride and mixed with (a) and sterilized, followed by addition of a sterile solution of Hydroxypropylmethylcellulose (IP) at a temperature not exceeding 40°C, in which the glucocorticoid and fluoroquinolone derivatives are present optimally in amounts ranging between 0.09% - 0.11% w/v and 0.27% - 0.33% w/v, respectively, showing enhanced effectiveness as an ocular composition.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 244/KOL/2003 A (22) Date of filing of application : 28/04/2003

(54) Title of the Invention : "AN HIGHLY STABLE γ- Al_2O_3 MESOPOROUS STRUCTURE AND ITS PROCESS FOR MANUFACTURE"

(51) International classification : C01B, C01G, C01F & B01J (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, PIN – 721 302, WEST BENGAL, INDIA. (72) Name of the Inventors : 1. MOHANTY, P. 2. RAM, S.

(57) Abstract :

A highly stable γ-Al_2O_3 and in particular, to a highly stable mesoporous γ-Al_2O_3, stabilized by a small doping of R^{3+} cations where R is selected from Eu^{3+}, La^{3+}, Tb^{3+} and Cr^{3+} or other additive adapted to retain the mesoporous structure and porosity when exposed to elevated temperatures. The highly stabilized γ-Al_2O_3 structure would be stable at high temperature having a mesoporous structure throughout such as about 1400 K and at the same time would be cost-effective to obtain. The γ-Al_2O_3 also achieves a desired porosity of 40%, useful for gas sensors, catalysts, surface coating, phosphors and other applications.

Also disclosed is the process for simple and cost-effective manner of manufacture of such stabilized γ-Al_2O_3 in a mesoporous structure. The method of manufacture of the γ-Al_2O_3 is environment friendly and require no additional reagent. Importantly, the method of providing of γ-Al_2O_3 would require very small amount of doping to stabilize γ-Al_2O_3 phase over an extended range of temperature to 1400 K and involve simple and fewer steps.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

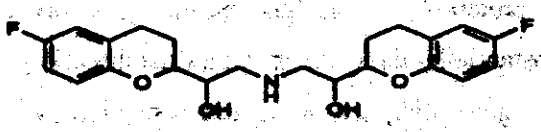
(21) Application No. 246/KOL/2003 A (22) Date of filing of application : 28/04/2003

(54) Title of the Invention : "PROCESS FOR SYNTHESIS OF A PHARMACEUTICALLY ACTIVE COMPOUND"

(51) International classification : C07D, A61K (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : TORRENT PHARMACEUTICALS LTD., OF CENTRAL PLAZA, 1ST FLOOR, ROOM # - 106, 2/6 SARAT BOSE ROAD, KOLKATA – 700 020, WEST BENGAL, INDIA. (72) Name of the Inventors : NADKARNI SUNIL SADANAND

(57) Abstract :

The present invention is for an improved process for the preparation of 2H-1-benzopyran-2-methanol, α, α' [iminobis(methylene)]bis[6-fluoro-3,4-dihydro-, [2R*[R*[R*(S*)]]]] *i.e.* nebivolol of formula (IX) or its pharmaceutically acceptable salts.



(IX)

comprising the steps of:

(a) reacting 6-fluoro-3,4-dihydro-2H-1-benzopyran-2-carboxylic acid with an acid activating agent and an amine RR'NH , wherein R and R' are independently H, alkyl or phenyl, optionally joined together with or without a heteroatom, to give 6-fluoro-3,4-dihydro-2H-1-benzopyran-2-carboxylic amide

(b) reducing the said amide to give 6-fluoro-3,4-dihydro-2H-1-benzopyran-2-carboxaldehyde.

(c) converting the said intermediate (VI) into 2H-1-benzopyran-2-methanol, α, α', [iminobis(methylene)] bis [6-fluoro-3,4-dihydro-,[2R*[R*[R*(S*)]]]] *i.e.* nebivolol of formula (IX) in a known manner, and

(c) optionally converting nebivolol thus obtained into the pharmaceutically acceptable salt thereof, in a known manner.

(e) isolating the reaction product of step (d) above.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No. 247/KOL/2003 A** (22) **Date of filing of application : 29/04/2003**

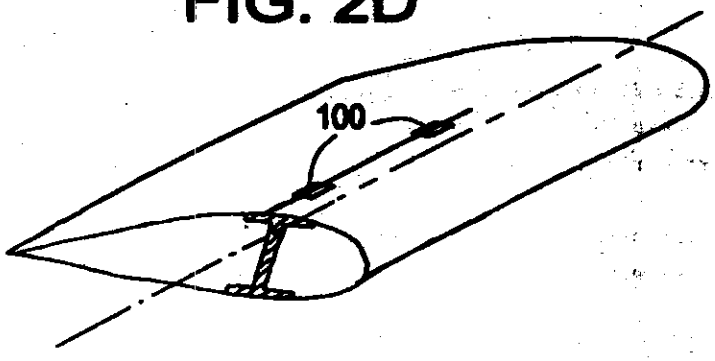
(54) **Title of the Invention : "WIND POWER PLANT, CONTROL ARRANGEMENT FOR A WIND POWER PLANT, AND METHOD FOR OPERATING A WIND POWER PLANT"**

(51) International classification : F03D 9/00, H02P 9/04 **(30) Priority Data :** **(31) Document No. 10219664.8** **(32) Date : 02/05/2002** **(33) Name of convention country : GERMANY** **(66) Filed U/s 5(2) :NIL** **(61) Patent of addition to application No. NA** **(62) Filed on :NA** **(63) Divisional to Application No. :NA** **(64) Filed on :NA**	**(71) Name of the Applicant : GENERAL ELECTRIC COMPANY, OF ONE RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A.** **(72) Name of the Inventors :** **WEITKAMP ROLAND.**

(57) **Abstract :**

The invention relates to a wind power plant with a tower, a rotor having at least one rotor blade being substantially radially distant with respect to a rotor axis and being rotatably supported with respect to a substantially horizontal rotation axis in a portion at the top of said tower, preferably at machine nacelle rotatably supported on a rotation axis extending substantially along the gravitational direction, a sensor means associated to said rotor for generating sensor signals depending on the mechanical load of the rotor, and an analysis means, especially a data processing means, wherein at least two, preferably pair-wise mounted, sensor elements are associated to at least one, preferably to each, rotor blade of the rotor and the evaluation means is designed for determining evaluation signals representing the mechanical loads of at least one rotor blade on the basis of the sensor signals generated by the sensor elements associated to this rotor blade.

FIG. 2D



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 248/KOL/2003 A (22) Date of filing of application : 30/04/2003

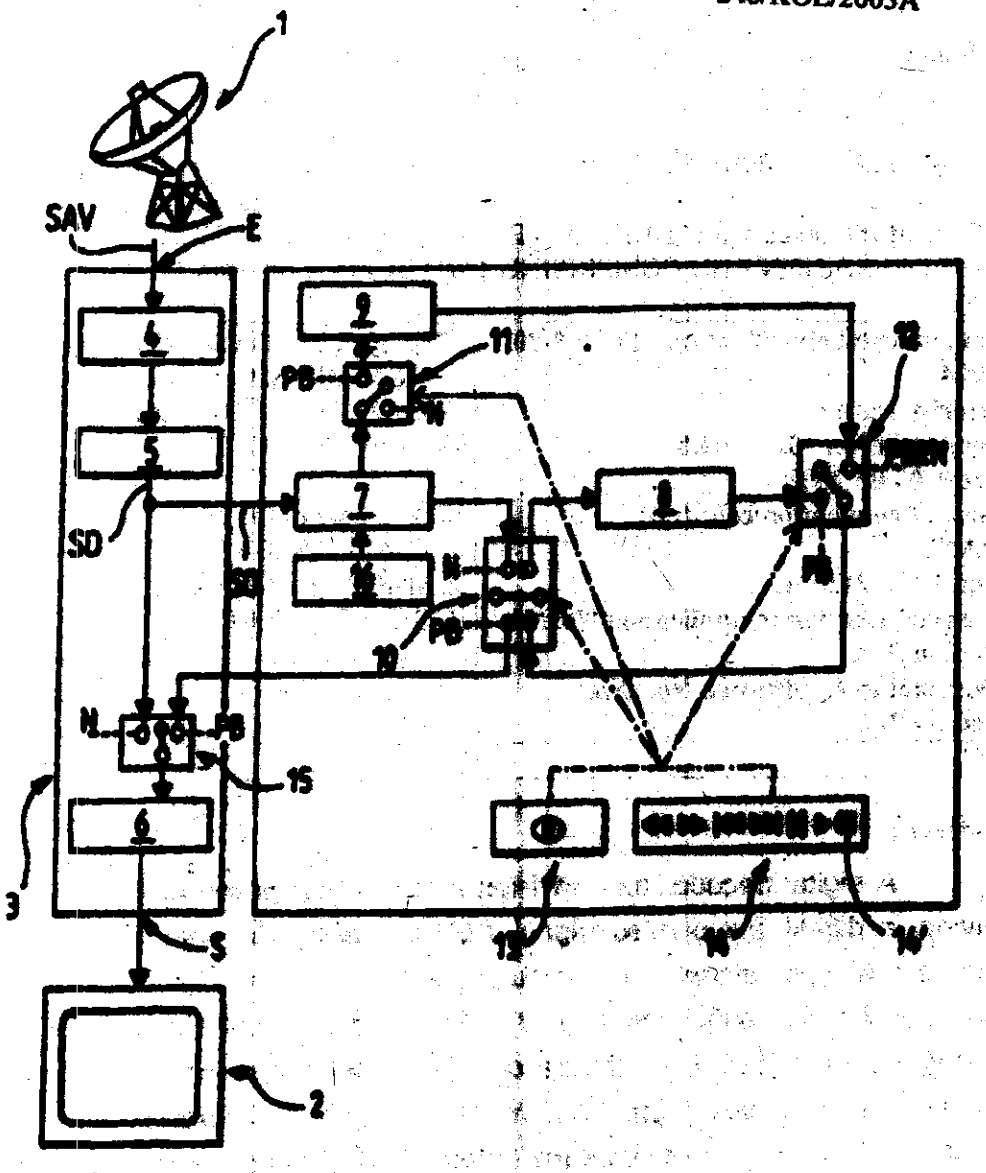
(54) Title of the Invention : "DIGITAL DECODER HAVING A SO-CALLED "PLAYBACK" MODE OF OPERATION AND COMPRISING TWO BUFFER MEMORIES"

(51) International classification : F03D 9/00, H02P 9/04 (30) Priority Data : (31) Document No. 10219664.8 (32) Date : 02/05/2002 (33) Name of convention country : GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA	(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI A. LE GALLO 92100 BOULOGNE-BILLANCOURT, FRANCE. (72) Name of the Inventors : 1. FRALEU SEBASTIEN, 2. MAGRAS ANDRE, 3. QUERE THIERRY.

(57) Abstract :

A digital decoder for television receiver, comprises an input (E) for receiving a digital audio/video signal (SAV), means for demodulating and decoding the input signal into an output signal intended for the television receiver, and a first buffer memory (8) into which the input signal is diverted after demodulation (SD) when the decoder is placed in a so-called "live" mode of operation. In a so-called "playback" mode of operation, the signal recorded in the first buffer memory constitutes the output signal. This decoder comprises a second buffer memory (9) into which the demodulated input signal (SD) is diverted when the decoder is placed in the "playback" mode, the signal recorded in the second buffer memory (9) constituting the output signal when the decoder is switched from the "playback" mode to another so-called "return to live" mode of operation. In the "return to live" mode, the user views at high speed the video portion recorded in the second buffer memory before the decoder switches back to the "live" mode.

248/KOL/2003A



अभिगृहित पूर्ण विनिर्देश

एतद्द्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Int. Cl[7] : B65B 51/04

194771

Ind. Cl. : 179A

Title : METHOD AND APPARATUS FOR MAKING CAPPED CONTAINER

Applicant : BANTAM ENGINEERS LIMITED, OF 8, SALISBURY COURT GREENWOOD HOUSE, LONDON EC4Y, UK

Inventor : SILVANO GROPPI

Application no 1924/CAL/1998 FILED ON 28.10.1998
(CONVENTION NO. RE97A000083 FILED ON 31.10.1997 AND RE 98A0000055 FILED ON 18.5.1998 IN ITALY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

14CLAIMS.

A method for making capped container cans having an upper part formed of a substantially flat top end of the can, its upper frustoconical neck and the circular rim which joins the flat top end to the neck, comprising the steps of placing a portion of a film of a thermoformable plastic material, such as herein described, on the upper part of the can in contact with an upper edge of the rim, to define a closed chamber in combination with said upper edge of the rim; heating the film to a thermoformable temperature; extracting air from said chamber, followed by cooling which causes the film to harden and intimately adhere to the flat top end of the can which it covers, retaining its shape, wherein the air is extracted from said chamber by a thrust action exerted by a compressed air jet applied to the top of the film covering the upper part of the can.

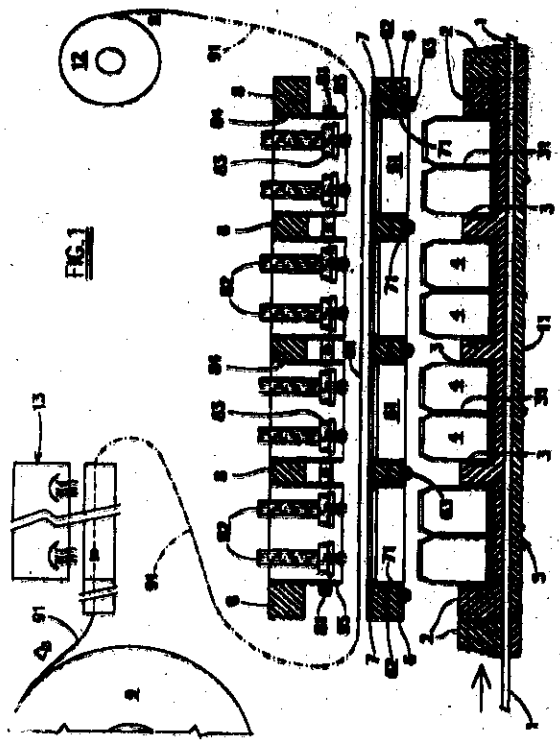


FIG.1

Complete Specification : 19 pages. *Drawing :10 sheets*

Int. Cl[7] : G06T 9/00
Ind. Cl : 206 - E
Title : A METHOD AND CONFIGURATION FOR CODING AND DECODING OF A DIGITIZED PICTURE

194772

Applicant : SIEMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2,80333, MUENCHEN, GERMANY.

Inventor : DR. KAUP ANDRE
Application no 120/CAL/1998 FILED ON 23.1.1998
(CONVENTION NO. 19703670.8 FILED ON 31.1.1997 IN GERMANY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

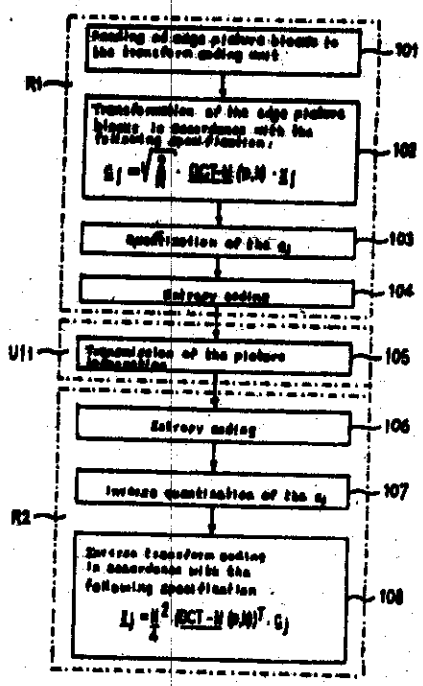
11CLAIMS.

Method of codi ng a digitized picture having picture objects with an arbitrary number of pixels, which comprises:

- coding pixels with shape-adaptive transform coding;
- forming transform coefficients of the transformed pixels in accordance with:

  c.sub.j ={fraction (2+L /N)}.multidot.DCT-N(p, k).multidot.x.sub.j,

  where c.sub.j are the transform coefficients and x.sub.j are the transformed pixels, N represents a magnitude of a picture vector to be transformed and in which the transformed pixels are contained, DCT-N designates a transform matrix having the size N.times.N, and p, k designate indices, whereby p, k .epsilon.[0, N-1]; and
  carrying out the shape-adaptive transform coding such that a signal energy of pixels to be transformed in a space domain is substantially identical to a signal energy of transformed pixels in a frequency domain.



Complete Specification : 3 pages. *Drawing : 18 sheets*

Int. Cl[7] : H04N 7/00 H04N 7/50 G09G 1/16, H04N 7/52

194773

Ind. Cl. : 206 -E

Title : A DECODER FOR A DIGITAL AUDIOVISUAL TRANSMISSION SYSTEM AND A METHOD FOR DIGITAL IMAGE PROCESSING IN THE DECODER

Applicant : CANAL+SOCIETE ANONYME OF 85/89 QUAI ANDRE CITROEN, 75711, PARIS, CEDEX 15, FRANCE

Inventor : DOMINIQUE HAMERY

Application no 385/CAL/1998 FILED ON 10.03.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

32 CLAIMS.

*A d*ecoder for a digital audiovisual transmission system , the decoder comprising :

A processor (20,26) for decompressing and displaying compressed still picture data (60,61,62)

A memory comprising a storage memory (66) for receiving from the processor decompressed data (63,64,65) representing a plurality of still picture image and for storing the received decompressed ata, and

At least one display memory (67) adapted to hold contemporaneously data representing multiple still picture image (68,69,70,71) readable by the processor (20,36) prior to display, the data representing the plurality of still picture images being copied from the storage memory to the display memory for subsequent display;

Wherein said storage memory and processor are adaptive to maintain decompressed data corresponding to one or more still picture images stored to said storage memory even after removal of said one or more corresponding still picture images from said display memory.

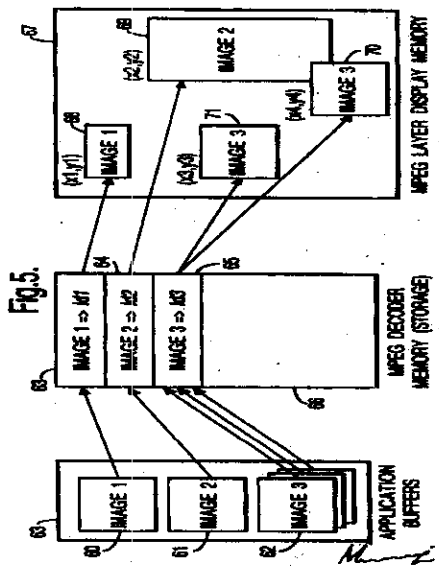


Fig.5.

Complete Specification : 26 pages. *Drawing :5 sheets*

Int. Cl[7] : D01G 15/40
Ind. Cl : 172
194774

Title : A DEVICE ON A CARD MACHINE FOR IN-DEPTH THICKNESS MEASUREMENT OF FIBER MATERIAL AND FOR IMPROVE MENT OF TRANSPORTATION THEREOF

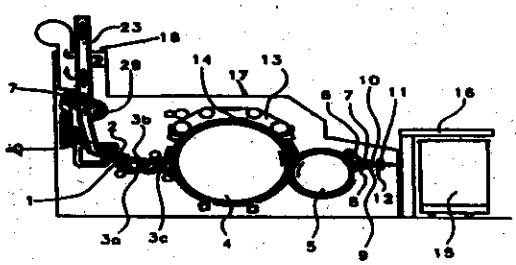
Applicant : TRUTZSCHLER GMBH OF CO. KG, OF DUVENSTRASSE 82-92, D-41199, MONCHENGLADBACH, GERMANY.

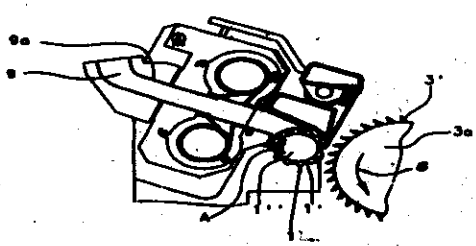
Inventor : 1. FERDINAND LEIFELD.
2. ARMIN LEDER.

Application no 303/CAL/1998 FILED ON 24.2.1998
(CONVENTION NO. 19708261.0 FILED ON 28.2.1997 IN GERMANY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

21CLAIMS.

A device on a card machine for fiber processing, the machine comprising at least one taker-in (3,3a) and a feed roller (1), said feed roller (1) having a roller axis and a roller surface provided with a sawtooth clothing (1') comprising a plurality of teeth (1'$_1$) separated from one another in a direction of roller rotation by respective tooth gaps (1'$_2$) each having a gap bottom; each tooth having a frontal flank oriented in said direction and a tooth (1'$_3$), said frontal flank advancing the fibre flocks upon rotation of said roller, each tooth having a tooth height (h_a) measured from said tooth tip and a tooth gap height (h_e) measured from the tooth gap bottom to the tooth tip, said tooth height (h_a) and said tooth gap height (h_e) are small for attaining a low fill volume between the teeth, each tooth having a rear angle (γ) having a magnitude of atleast 90° and additionally having a large tooth pitch (t_z) and a large pitch traverse (P) for defining a large open space about the tooth for avoiding a feed of fibre flocks between adjoining teeth viewed circumferentially and between adjoining teeth viewed axially.





Complete Specification : 9 pages. *Drawing : 4 sheets*

Int. Cl[7] : H02K 1/27

194775

Ind. Cl. : 133

Title : ROTOR FOR ELECTRICALMACHINE, PARTICULARLY A TRANSVERSAL FLUX MACHINE

Applicant : VOITH TURBO GMBH & CO. KG, OFALEXANDERSTRASSE 2, 89522, HEIDENHEI, GERMANY

Inventor : 1. ANDREAS LANGE
2. UWE MUHLBERGER

Applicationno 609/CAL/1998 FILED ON 07.04.1998
(CONVENTION NO.19715019.5FILED ON 11.4.1997 IN GERMANY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

12 CLAIMS.

Rotor (1) for an electric machine, in particular transverse flux machine

comprising at least one pole structure (4, 5);

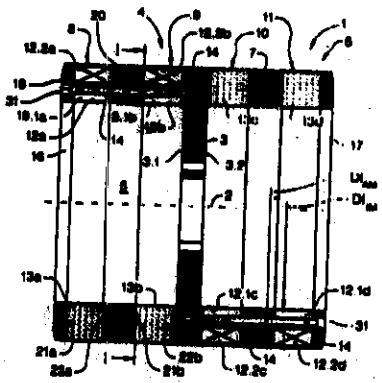
the pole structure (4, 5) comprises two adjacent rows (8, 9, 10, 11), separated by an intermediate layer (6, 7) made of magnetic and electrically non-conductive material (intermediate ring), consisting of magnet arrangements (12, 12a, 12b) alternately magnetized in the circumferential direction with accumulator elements and soft iron elements (13a, 13b, 13c, 13d) located therebetween;

the magnet arrangements (12, 12a, 12b) are connected with interlocking fit to the accumulator elements and soft iron elements (13a, 13b, 13c, 13d) adjacent in the circumferential direction;

the accumulator elements and soft iron elements (13a, 13b, 13c, 13d) are at least partially provided with an insulating layer;

characterized by the following feature:

at least one of the accumulator or soft iron elements (13a, 13b, 13c, 13d) adjacent to a magnet arrangement in the circumferential direction is free from a radially external step face (28) for at least indirectly supporting the magnet arrangement (12, 12a, 12b) in the radial direction.



Complete Specification : 17 pages. *Drawing :3 sheets*

Int. Cl[7] : D01D 5/12 D01F 6/60

194776

Ind. Cl. : 62D

Title : PROCESS FOR PROCESSING POLYMER BLENDS INTO FILAMENTS.

Applicant : ZIMMER AKTIENGESELLSCHAFT, OF BORSIGALLE 1, D-60388, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventor : 1. DIETMAR WANDAL
2. DR. JOACHIM CZIOLLEK
3. DR. ULRICH THIELE
4. DR. ALEXANDER KLEIN
5. DR. HEINZ-DIETER

Application no 288/CAL/1998 FILED ON 23.2.1998
(CONVENTION NO. 19707447.2 FILED ON 25.2.1997 IN GERMANY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

14CLAIMS

Process of producing filaments with an elongation at break of < 180% comprising processing polymer blends on polyester or polyamide basis as herein described by adding an amorphous second polymer to the polyester or polyamide in the amount of 0.05 to 5 wt%, wherein the second polymer is a copolymer composed of at last two of the following monomer units:

0 to 90 wt% A, wherein A is monomer of formula $CH_2=CR-COOR^1$, wherein R is -H or $-CH_3$ and R^1 is straight or branched chain C_1-C_{10} alkyl or cyclohexyl.

0 to 40 wt% B, wherein B is a monomer of maleic acid or maleic anhydride, and

5 to 95 wt% C, wherein C is a monomer of styrene or methyl substituted styrene,

such that (wt % A + wt% B + wt% C)= 100%, and subjecting the resulting blend to high-speed spinning at a draw-off speed of > 1500 m/min, and wherein said processing comprises treating the melt mixture under shearing so that the average particle size (d_{50}) of the second polymer immediately after leaving the spinning nozzle is at most 400 nm.

Complete Specification : 31 pages. *Drawing : 7 sheets*

Int. Cl[7] : C08L 67/02

194777

Ind. Cl. : 63/78

Title : PROCESS FOR PRODUCTION OF POLYPROPYLENE TEREPHTHALATE.

Applicant : 1. ZIMMER AKTIENGESELLSCHAFT OF BORSIGALLE 1, D-60388 FRANKFURT/MAIN FEDERAL REPUBLIC OF GERMANY.
2. DEGUSSA AKTIENGESELLSCHAFT, OF WEISSFRAUENS TRASSE 9, D-60311 FRANKFURT/MAIN FEDERAL REPUBLIC OF GERMANY.

Inventor : 1. DR. WOLFGANG SCHMIDT.
2. DR. ULRICH THIELE
3. DT. STEPHANIE SCHAUHOFF
4. DR. DAHAI YU.

Application no 205/CAL/1998 FILED ON 09.02.1998
(CONVENTION NO. 19705249.5 FILED ON 12.2.1997 IN GERMANY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

7CLAIMS.

A method for synthesizing polyprepylene terephthalate containing no more than 5 ppm acrolein and no more than 3 ppm allyl alcohol comprising

a) esterification of terephthalic acid with 1,3-propanediol in the presence of 30 to 200 ppm titanium in the form of an inorganic esterification catalyst containing at least 50 mol % TiO_2 precipitate,

b) blocking the esterification catalyst after esterification by adding 10 to 100 ppm phosphorus in the form of a phosphorus-oxygen compound, and

c) subsequent precondensation and polycondensation in the presence of 100 to 300 ppm antimony in the form of a conventional antimony polycondensation catalyst and optionally adding one or more coloring agents.

Complete Specification : 12 pages. *Drawing : NIL*

Int. Cl[7] : B01D 15/00 C11B 3/10 C10G 53/08

194778

Ind. Cl : 201D

Title : AN IMPROVED METHOD FOR CLEANING LIQUID CONTAINING IMPURITIES.

Applicant : OHMI FORSCHUNG UND INGENIEURTECHNIK GMBH, OF BERLINER CHAUSSEE 66, D-39114, MAGDEBURG, GERMANY.

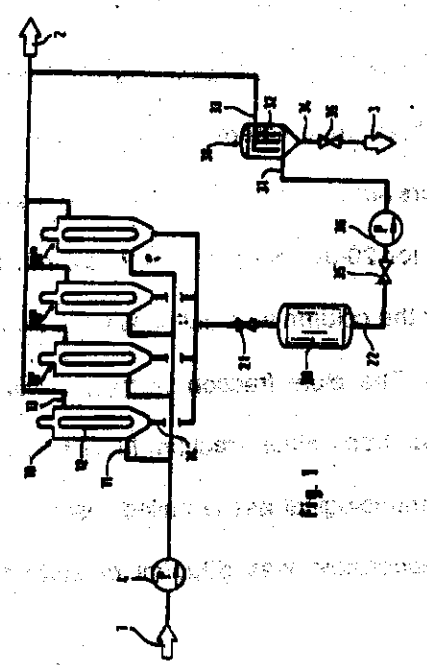
Inventor :
1. PETER TRANSFELD
2. GUNTER BORNER.
3. MATTHIAS SCHNEIDER.
4. RAINER WETZEL

Application no 445/CAL/1998 FILED ON 18.3.1998
(CONVENTION NO. 19711174.2 3 18.3.1997 IN GERMANY.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

17CLAIMS.

An improved method for cleaning liquids containing impurities, with the following steps:

- Addition of adsorbents such as herein described , which absorb the impurities, to the liquid,
- Agglomeration of respectively several particles of absorbent with the impurities adsorbed therein/hereon by means of an electric field and/or ultrasonics and by the addition of chemical or biochemical substances such as for eg. Cellulose, to form greater particles of adsorbent,
- Renewed suspension of the now greater particles of adsorbent in the liquid and
- Filtering of the liquid containing the suspended greater particles of adsorbent.



Complete Specification : 21 pages. *Drawing :3 sheets*

Int. Cl[7] : A61K 38/17 G01N 33/68

194779

Ind. Cl. : 32C

Title : AN IMPROVED METHOD OF ISOLATION AND PURIFICATION OF GLYCOPROTEIN TILTS HAVING IMMUNOSTINULATORY AND ANTITUMOR PROPERTY.

Applicant : DR. SWAPNA CHAUDHURI OF DR. BC ROY POSTGRADUATE INSTITUTE OF BASIC MEDICAL SCIENCE, DPT. OF PHYSIOLOGY IPGMER OF 244B AJC BOSE ROAD KOLKATA 700020, WEST BENGAL, INDIA

Inventor : DR. SWAPNA CHAUDHURI

Application no 2002/CAL/2001 FILED ON 4.4.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

2CLAIMS.

An improved method of isolation and purification of T11TS glycoprotein from Sheep Red Blood Cell (SRBC) having the immunostimulatory and antitumor property where at first the SRBC was centrifuged in 2000-2500 r.p.m. for 10 - 15 minutes to obtain the packed cell volume. The packed cell volume was then subjected to enzymatic digestion at 37°C. Then the digested SRBC was centrifuged in 2000-2500 r.p.m. for 15 – 20 minutes. After the centrifugation the red tinted supernatant was taken and treated with an organic acid of specific strength to precipitate the non-specific proteins. After the nonspecific proteins being precipitated a clear supernatant was obtained by centrifugation at 1500-2000 r.p.m. for 5 –7 minutes. The acidic supernatant was neutralized with an alkali of specific strength. Next, the neutralized supernatant was subjected to chromatographic process, where the column was previously set at a certain pH with organic buffer. The said supernatant was charged for 20-30 minutes on the column for proper binding with the column material. After that the column was eluted with distilled water and organic acid of increasing ionic strengths. The elute fraction were neutralized with N/10 NaOH. The glycoprotein was identified from elute fraction III obtained through DEAE-cellulose column by a functional immunological assay called rosette inhibition assay. In addition the amount of T11TS glycoprotein was 50µg/ml of elute fraction as determined by Lowry's method.

Complete Specification :22 pages. *Drawing :12 sheets*

Int. Cl[7] : B29C 45/67

194780

Ind. Cl. : 95H
Title : A MOLD CLAMPING APPARATUS
Applicant : AK. TECHNICAL LABORATORY INC. OF 4963-3, OHAZAMINAMIJO, SAKAKIMACHI, HANISHINA-GUN NAGANO-KEN 389-0603, JAPAN

Inventor : KOBAYASHI SENTARO
Application no 304/CAL/2000 FILED ON 29.5.2000
(CONVENTION NO. 11-152888 FILED ON 31.5.1999 IN JAPAN.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

11 CLAIMS.

A mold clamping apparatus comprising :

a bed (1) on which a stationary mold (12) to form a body of a product to be molded is placed ;

a pair of tie bars (3) vertically arranged on the bed ;

a movable platen (2) having each of the tie bars arranged through the opposite ends thereof, and having on its lower surface a movable mold (11) which closes with respect to the stationary mold (12) to form an opening in molded products ;

a mold opening/closing cylinder (4) arranged between the bed (1) and the movable platen (2), wherein -

the mold opening/closing cylinder (4) moves the movable platen (2) upward and downward to effect the opening and closing of the movable mold,

the mold opening /closing cylinder (4) is provided with a mold opening oil chamber (42) and a mold closing oil chamber (43), each of the oil chambers being defined by a piston ; and

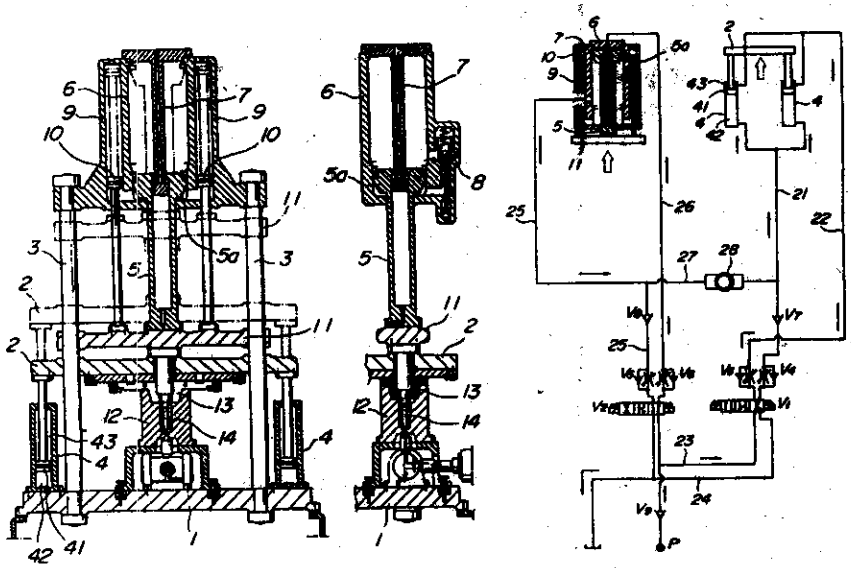
the mold opening/closing cylinder (4) is provided with a hydraulic line (21, 22) for supplying/discharging hydraulic oil to/from each of the oil chambers ;

a mold clamping platen (11) having a core (14) movable into and out of the stationary mold (12) through the movable platen (2) ; and

a differential mold clamping cylinder (6) arranged on the upper end of the tie bars and having a mold clamping ram (5) directed downward, the mold clamping ram having a booster ram (7) inserted thereinto from the upper end thereof, the mold clamping ram (5) being connected to the upper surface of the mold clamping platen (11) and having a hydraulic line for supplying/discharging hydraulic oil to/from the booster ram (7) and a hydraulic line for supplying/discharging hydraulic oil to/from the differential mold clamping cylinder (6) ; wherein :

the movable platen (2) is moved upward and downward by supplying/discharging hydraulic oil to/from the mold opening/closing cylinder (4) and opening and closing as well as clamping of the mold clamping platen (1) are effected by supplying/discharging hydraulic oil to/from the differential mold clamping cylinder ; characterized in that -

the hydraulic line (21) which is in communication with the mold opening oil chamber (42) of the mold opening/closing cylinder (4) and the hydraulic line (25) for the differential mold clamping cylinder (6) are connected to one another via a communication passage (27), and a volume of hydraulic oil which is discharged into the hydraulic lines as the movable mold is opened and closed and as the core moves into and out of the stationary mold is alternately supplied to the mold opening oil chamber (42) of the mold opening/closing cylinder (4) and the differential mold clamping cylinder (6).



Complete Specification : 19 pages. *Drawing : 3 sheets*

Int. Cl[7] : B65D 83/54

194781

Ind. Cl. : 45E

Title : VALVE FOR AN AEROSOL CONTAINER

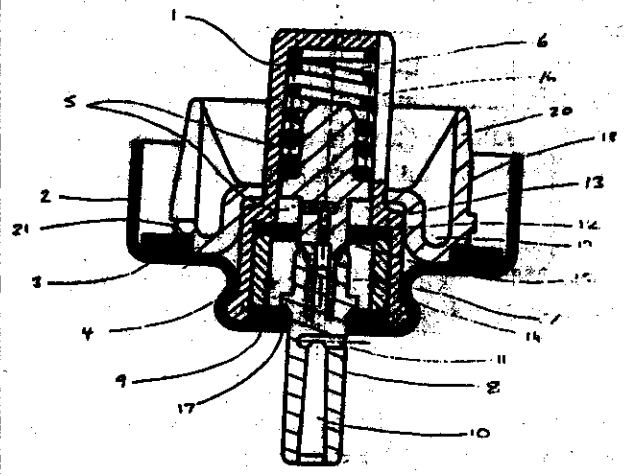
Applicant : GLAXO GROUP LIMITED OF GLAXO WELLCOME HOUSE BERKELEY AVENUE, GREENFORD, MIDDX, UB ONN UK

Inventor : 1. GI PATRICK GIOVANNI
2. ROGERSON CHERYL VANESSA

Application no 2445/CAL/1997 FILED ON 24.12.1997
(CONVENTION NO. 9626960.0 FILED ON 27.12.1996 IN UK)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

8CLAIMS.

Valve for an aerosol container for dispensing a suspension of a substance in a liquid propellant contained therein, the valve comprising a valve body (1) having at least one orifice (16) to allow a quantity of the suspension to pass from the container into the valve, characterized in that the valve has a ring (18) disposed around the valve body (1), the ring (18) being positioned below the at least one orifice to reduce the volume of suspension that can be accommodated within the container below the at least one orifice (16) when the container is oriented with the valve at the bottom, the ring having at least one portion of reduced axial thickness to provide a trough around the valve body below the at least one orifice (16), and in that the ring comprises a plurality of vanes separated by slots at its periphery and extending substantially upwardly when the container is orientated with the valve at the bottom.



Complete Specification :14 pages. *Drawing : 3 sheets*

Int. Cl[7] : F16L 15/00

194782

Ind. Cl. : 127I

Title : AN OILFIELD TABULAR THERADED CONNECTION WITH HIGH TORQUE TRANSMISSION CAPABILITY.

Applicant : GRANT PRIDECO , INC OF 363 N. SAM HOUSTON PARKWAY EAST SUITE 1660, HOUSTON, TEXAS 77060, USA

Inventor : 1. JACKIE E. SMITH
2. THOMAS E. WINSHIP
3. WILSON GERALD E.

Application no 767/CAL/1998 FILED ON 29.4.1998
(CONVENTION NO. 08/850,658 FILED ON 2.5.1997 IN USA.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

15CLAIMS.

An improved oilfield tubular threaded connection with high torque transmission capability through the threaded connection comprising:

-a tubular pin with external threads extending axially between a radially outward external shoulder and a radially inward pin face, the pin including a base section extending axially between the external shoulder and the external threads and a nose section extending axially between the pin face and external threads, said nose section defining a cross-sectional nose area between an inside diameter of said nose section and an outside diameter of said nose section;

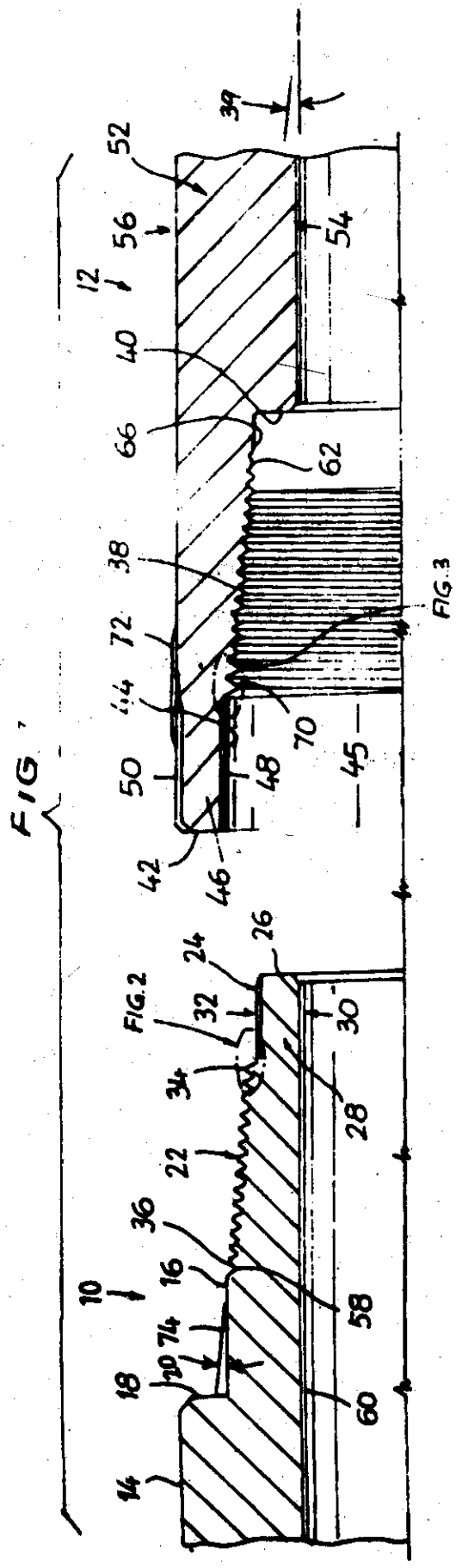
-said external threads having a taper no greater than 1 inch per foot extending radially outward from a first pin thread adjacent said nose section to a last pin thread adjacent said base section;

-a tubular box for threaded connection with said pin, said tubular box having internal threads extending axially between a radially inward internal shoulder and a radially outward box face and including a counter-bore section between the internal threads and said box face, said counter-bore section defining a cross-sectional counter-bore area between an inside diameter of said counter-bore section and an outside diameter of said counter-bore section, and said box defining a cross-sectional box area between an inside diameter of said box and an outside diameter of said box at a location spaced axially opposite the internal threads with respect to the internal shoulder;

-said cross-sectional counter-bore area and said cross-sectional nose area defining a combined cross-sectional area of at least 70% of said cross-sectional box area; and

-said box face and said external shoulder being in mating planar engagement when said pin and said box are made up for inducing a pre-load stress on both said pin and said box in an area radially adjacent said last pin thread

Prior to matting planar engagement of said pin face and said internal shoulder.



Complete Specification : 20 pages. ***Drawing : 1 sheets***

Int. Cl[7] : C06B 31/00

194783

Ind. Cl. : 72-A

Title : A PROCESS FOR THE PREPARATION OF AN EXPLOSIVE COMPOSITION

Applicant : IBP COMPANY LIMITED, OF GILLANDER HOUSE 8, NETAJI SUBHAS ROAD, CALCUTTA – 7000 01. INDIA.

Inventor : 1. DR. GANGA PRASAD
2. DR. KUNDAL LAL

Application no 71/CAL/1994 FILED ON 3.2.1994

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

6CLAIMS.

A process for the preparation of explosive composition comprising preparing a viscous prepolymer having trinitrotoluene (TNT) dissolved therein in the ratio of 0.1 :1 to 0.75:1 at ambient temperature, followed by mixing of a molecular explosive and optionally an additive such as herein described in said prepolymer to provide a homogenous mixture having 70-80% molecular explosive in said mixture.

Complete Specification : 11 pages. ***Drawing : NIL***

Int. Cl[7] : H04M – 3/00

194784

Ind. Cl. : 187 C3
Title : RING-TRIP CIRCUIT
Applicant : HARRIS CORPORATION OF 1025 WEST NASA BOULEVARD, MELBOURNE, FLORIDA – 32919, USA

Inventor : HERBERT MARK WALKER
Application no 2329/CAL/1997 FILED ON 9.12.1997
(CONVENTION NO. 764,487 FILED ON 12.12.1996 IN USA.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

2CLAIMS.

A ring-trip circuit having a digital output port, which changes state for terminating application of a ringing voltage (10) to a line circuit (20), in response to subscriber equipment (30) coupled to said line circuit (20) answering a call, said line circuit having a source resistor (11/12) coupled therewith, said ring –trip circuit comprising :

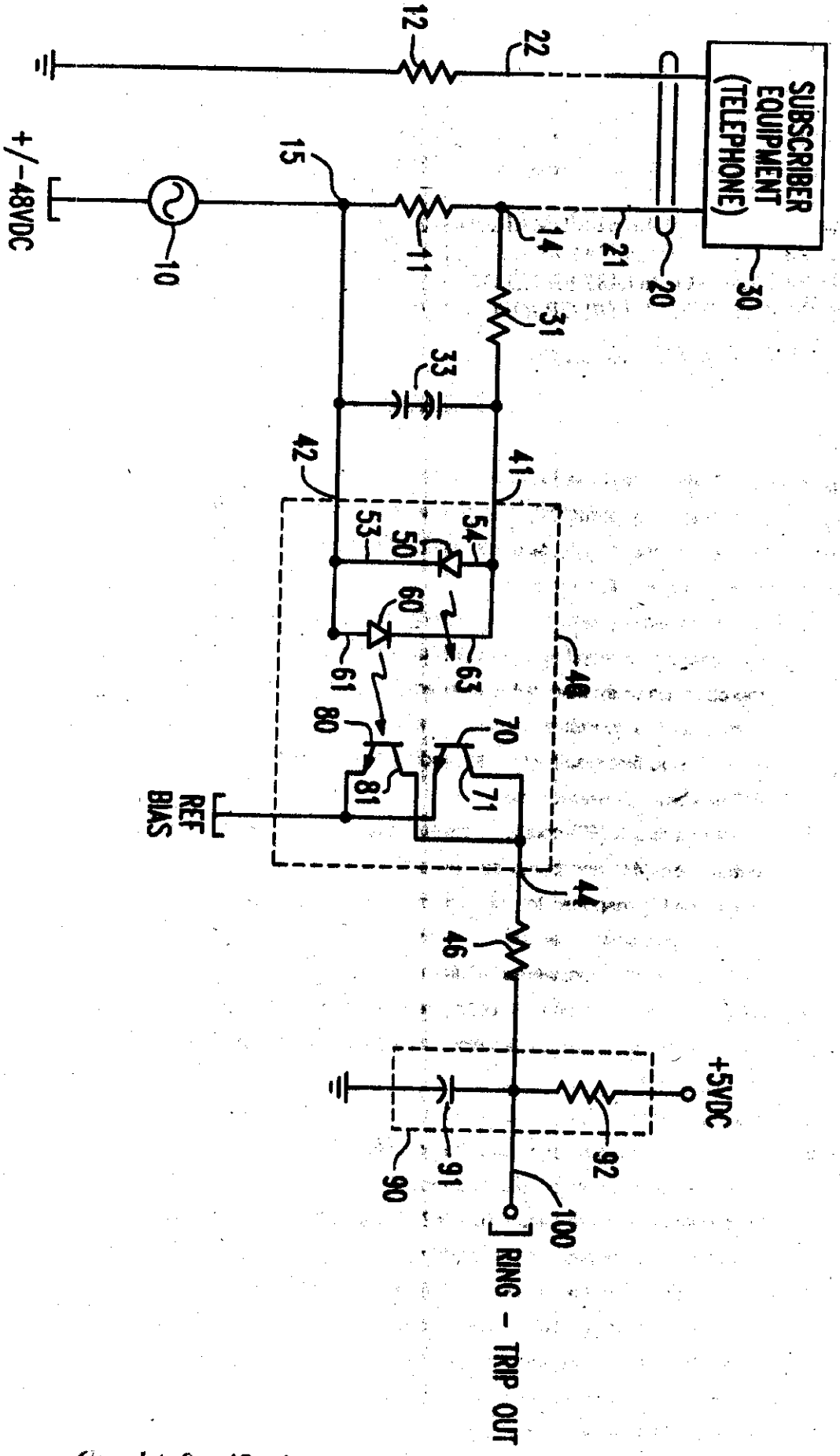
(a) A line –monitoring circuit which, in the presence of said ringing voltage (10), monitors the voltage developed across said source resistor (11) as a result of DC loop current therethrough when said call is answered, irrespective of the polarity of said DC loop current, and is operative to generate a first signal representative of DC loop current through said first resistor (11) exceeding a prescribed threshold, indicating that said call has been answered; and

(b) an output circuit (90) coupled between said line-monitoring circuit and said a digital output port (44) and being operative to change the electrical state of said digital output port in response to said line-monitoring circuit detecting said DC loop current through said source resistor in excess of said prescribed threshold, indicating that said call has been answered, wherein

(c) said line-monitoring circuit is configured to monitor said source resistor (11/12) over a multi-frequency range of variation of said ringing voltage (10) applied to said line circuit, wherein

(d) said line-monitoring circuit comprises a dual polarity opto-coupler (40) and wherein

(e) a first end of said source resistor is coupled through an input resistor to a first input port (41) of said dual polarity opto-coupler, and a second end of said source resistor is coupled to a second input port (42) of said opto-coupler, further including an input capacitor(33) coupled across said first and second input ports of said opto-coupler and forming a voltage divider (31/33) with said input resistor, so that a portion of DC voltage across said source resistor is coupled to said opto-coupler, while AC voltage variations are by-passed from said opto-coupler wherein said dual polarity opto-coupler comprises a pair of opto-couplers having a pair of light emitting diodes(50/60) wired in anti-parallel.



Complete Specification : 7 pages. *Drawing :1 sheets*

Int. Cl[7] : H01J -61/30 61/33 61/34

194785

Ind. Cl. : 194 C6 (a) (b) (c)

Title : AN ELECTRODELESS LAMP BULB ENVELOPE FOR A HIGH INTENSITY DISCHARGE LAMP

Applicant : FUSION LIGHTING, INC. OF 7524, STANDISH PLACE ROCKVILLE, MARYLAND 20855, USA

Inventor : 1. RICHARD M. KNOX
2. WILLIAM BURTON MERCER.
3. DALE S. WALKER

Application no 2383/CAL/1997 FILED ON 16.12.1997
(CONVENTION NO. 08/771,757 FILED ON 20.12.1996 IN USA)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

14CLAIMS.

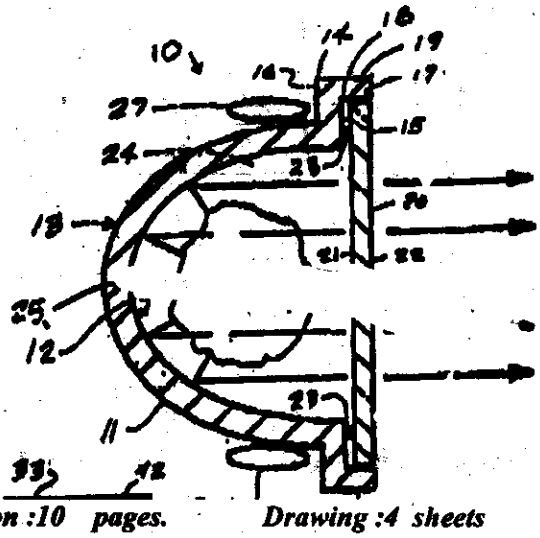
An electrodeless lamp bulb envelope for a high intensity discharge lamp, comprising:

a light transmissive segment;

a reflective segment integrally joined with the light transmissive segment, wherein the light transmissive segment and the reflective segment together define a sealed interior volume of the lamp bulb envelope with no interior electrodes; and

a fill disposed in the sealed interior volume of the lamp bulb envelope which can be excited to emit light,

wherein the reflective segment comprises an inner-reflecting concave surface for directing light emitted by the fill through the light transmissive segment.



Complete Specification :10 pages. *Drawing :4 sheets*

Int. Cl[7] : H04N 7/16, H04N 7/173

194786

Ind. Cl. : 186-E

Title : METHOD OF PREVENTING FRAULENT ACCESS IN A CONDITIONAL ACCESS SYSTEM AND TRANSMITTTER AND A RECEIVER/DECODER FOR USE IN SAID METHOD

Applicant : CANAL+SOCIETE ANONYME OF 85/89 , QUAI ANDRE CITROEN 75711, PARIS, CEDEX 15, FRANCE.

Inventor : MICHEL MAILARD

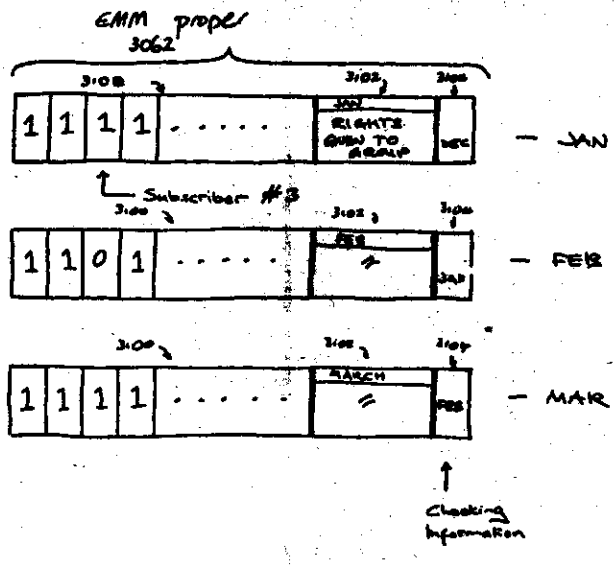
Application no 189/CAL/1998 FILED ON 5.2.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

7CLAIMS.

A method of preventing fraudulent access in a conditional access system which is linked to a subscriber's receiver/decoder for receiving an entitlement management message (EMM) for a group of subscribers to enable said system to provide access for a respective subscriber, the method comprising the step of:

programming the receiver/decoder only to accept a current EMM of a current calendar period if it has received at least a previous EMM of a previous calendar period.



Complete Specification : 19 pages. ***Drawing :8 sheets***

Int. Cl[7] : E02F 9/22

194787

Ind. Cl. : 71F

Title : HYDRAULIC CONTROL SYSTEM FOR CONSTRUCTION MACHINE

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD, OF 6-2, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100 004 JAPAN

Inventor : 1. TSUKASA TOYOOKA
2. TOICHI HIRATA.
3. GENROKU SUGIYAMA
4. KOUJI ISHIKAWA
5. TSUYOSHI NAKAMURA.

Application no 304/CAL/1998 FILED ON 24.2.1998
(CONVENTION NO. 9-53262 FILED ON 7.3.1997 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

7CLAIMS.

A hydraulic control system for a construction machine provided with a variable displacement hydraulic pump (1), an actuator (4) driven by pressure fluid delivered from said variable displacement hydraulic pump, a directional control valve (3) for controlling a flow of said pressure fluid delivered from said variable displacement hydraulic pump and to be fed to said actuator, a pilot control valve (5) capable of outputting plural pilot pressures (Pa) for switching said directional control valve, a pilot pump (7) for feeding pressure fluid to said pilot control valve, a selector valve (6) for selecting one of a maximum value out of said plural pilot pressures outputted from said pilot control valve, and a flow control unit (2) for controlling a delivery rate of said variable displacement hydraulic pump on a basis of said pilot pressure selected by said selector valve, characterised in that said hydraulic control system comprises:

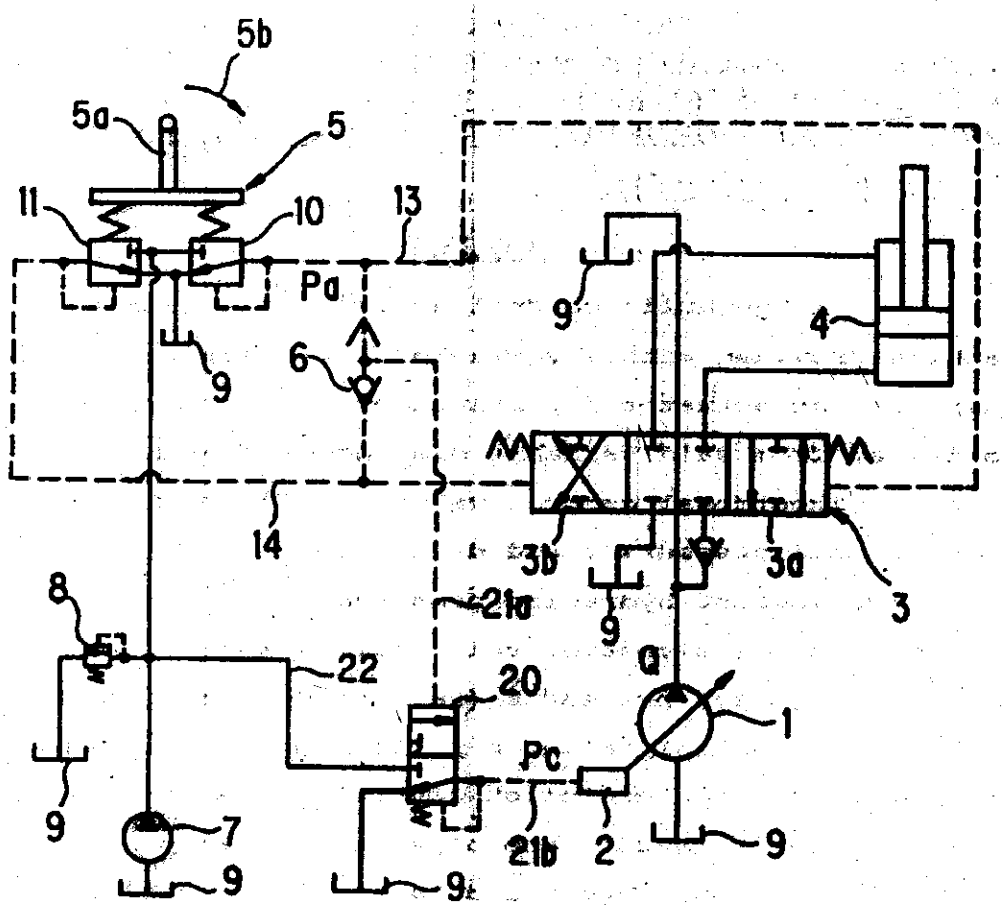
a first signal line (21a) for guiding said pilot pressure selected by said selector valve (6);

a pressure control valve for converting a delivery pressure of said pilot pump (7) to a pump control signal (Pc), which serves to control driving of said flow control unit (2), in accordance with said

pilot pressure guided through said first signal line;

a branch line (22) for connecting said pilot pump (7) and said pressure control valve with each other; and

a second signal line (21b) for guiding said pump control signal (Pc), which has been converted by said pressure control valve, to said flow control unit (2).



Complete Specification : 34 pages. *Drawing : 5 sheets*

Int. Cl[7] : H01L 029/06

194788

Ind. Cl. :

Title : A SEMICONDUCTOR LASER, A METHOD OF FABRICATION OF SUCH SEMICONDUCTOR LASE AND AN OPTICAL DISK SYSTEM USING THE SAME.

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD OF 1006, OHAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN

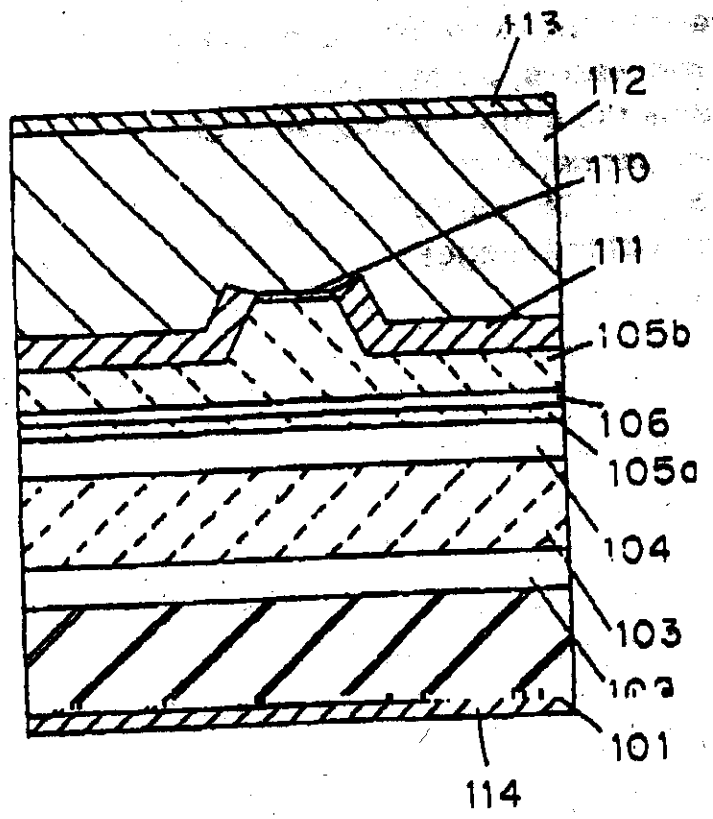
Inventor : 1. ISAO KIDOGUCHI
2. HIDETO ADACHI
3. MASAYA MANNOH
4. TOSHIYA FUKUHISA
5. AKIRA TAKAMORI

Application no 1695/CAL/1996 FILED ON 24.09.1996
(CONVENTION NO. 7-252706 FILED ON 29.4.1995 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

39CLAIMS.

A semiconductor laser comprising an active layer having a quantum well layer and a saturable absorption layer, wherein an energy gap of the saturable absorption layer is smaller than an energy gap between ground levels of the quantum well layer of the active layer by 30 to 200 meV.



Complete Specification : 48 pages. ***Drawing :18 sheets***

Int. Cl[7] : H04N 7/67

194789

Ind. Cl. : 206B

Title : APPARATUS AND METHOD FOR REPETITIVELY GENERATING A SET OF ELECTRONIC BROADCAST MESSAGES, AND ACCESS CONTROL SYSTEM FOR BROADCAST AND RECEPTION SYSTEM USING SUCH APPARATUS /METHOD

Applicant : CANAL + SOCIETE ANONYME OF 85/89 QUAI ANDRE CITROEN, 75711, PARIS CEDEX 15, FRANCE

Inventor : 1. LAURENT FICHET
2. PIERRE DE LA TULLAYE.

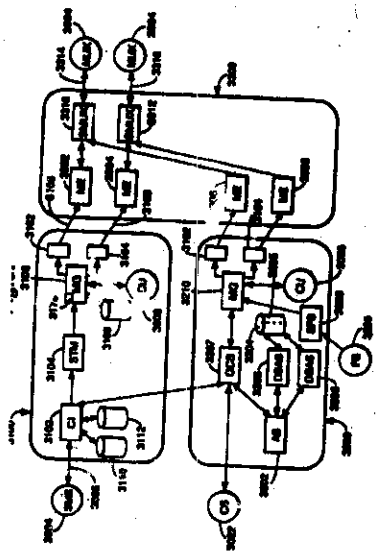
Application no 728/CAL/1997 FILED ON 25.4.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

39CLAIMS.

Apparatus for repetitively generating a set of electronic broadcast messages, comprising:

means (3106, 3210) for generating a plurality of such messages;
means (3340) for repetitively randomizing the sequence of the messages to form a plurality of sets of such messages, so that each set of messages contains the same messages in different random sequence; and
means (3302, 3304, 3306, 3308) for outputting the plurality of sets of messages.



Complete Specification : 55 pages. *Drawing :17 sheets*

Int. Cl[7] : A24B 05/22

194790

Ind. Cl. : 42XVI

Title : A PROCESS FOR PREVENTING FORMATION OF NITROSAMINES IN HARVESTED TOBACCO PLANT.

Applicant : JONNIE R. WILLIAMS OF NO. 1 STARWOOD LANE MANAKIN SABOT, VIRGINA 23103, USA.

Inventor : JONNIE R. WILLIAMS

Application no 1067/CAL/1998 FILED ON 16.6.1998
(CONVENTION NO. 08/879.905 FILED ON 20.6.1997 IN USA.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

19CLAIMS.

A process for preventing formation of nitrosamines in harvested tobacco plant, comprising :

(i) a step of (a) removing stems from the tobacco leaves ; (b) pressing the tobacco leaves to remove excess moisture or (c) subjecting the tobacco leaves to a steam treatment, and

(ii) a step of subjecting at least a portion of the plant to microwave radiation, such as herein described, while said portion is uncured and in a state susceptible to having the amount of nitrosamines arrested, for a sufficient time to substantially prevent formation of at least one nitrosamine, wherein said step of subjecting to microwave radiation is carried out on a tobacco leaf or portion thereof after onset of yellowing in the leaf and prior to substantial accumulation of tobacco-specific nitrosamines in the leaf, and wherein said tobacco leaf or portion thereof is arranged in single layer thickness without stacking or piling of the leaves.

Complete Specification : 7 pages. ***Drawing : 2 sheets***

Int. Cl[7] : C08F 2/06, C08F 10/00, C08F 2/14, B01J 19/24

194791

Ind. Cl : 40F

Title : AN IMPROVED PROCESS FOR POLYMERIZING OLEFINS AND AN APPARATUS FOR THE SAME.

Applicant : PHILLIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA 74004, USA.

Inventor : 1. JOHN DOUGLASS HOTTOVY
2. HARVEY DEAN HENSLEY.

Application no 1084/CAL/1998 FILED ON 18.6.1998
(CONVENTION NO. 08/893200 FILED ON 15.7.1997 IN USA.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

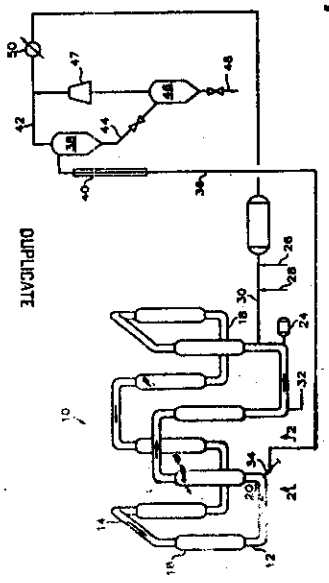
35 CLAIMS.

A process for polymerizing olefins comprising:

polymerizing in a loop reaction zone, at least one olefin monomer having up to 8 carbon atoms per molecule and no branching nearer the double bond than the 4-position in a liquid diluent to produce a fluid slurry comprising liquid diluent and solid olefin polymer particles;

maintaining a concentration of said solid olefin polymer particles in said slurry in said zone of greater than 40 weight percent based on the weight of said polymer particles and the weight of said liquid diluent; and

for at least a portion of a production run continuously withdrawing said slurry comprising withdrawn liquid diluent and withdrawn solid polymer particles as an intermediate product of said process wherein a pressure differential of 0.07 to 0.15 foot slurry height pressure drop per foot of reactor flow path is maintained in a propulsion zone.



Complete Specification : 17 pages. *Drawing :5 sheets*

Int. Cl[7] : F04C 18/04

194792

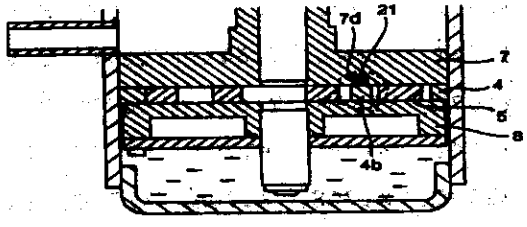
Ind. Cl. : 163B3
Title : DISPLACEMENT TYPE FLUID MACHINE
Applicant : HITACHI, LTD, OF 6, KANDA SURUGADAI, 4-CHOME, CHIYODA-KU, TOKYO, JAPAN

Inventor :
1. SHIGERU MACHIDA.
2. HIROKATSU KOSOKABE.
3. SHUNICHI MITSUYA
4. YUJI YOSHITOMI
5. MASAHIRO TAKEBAYASHI
6. KOICHI INABA
7. HIROAKI HATA.

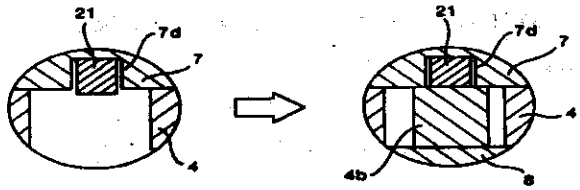
Application no 1328/CAL/1998 FILED ON 29.7.1998
(CONVENTION NO. 09-205827 FILED ON 31.7.1997 IN JAPAN.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

5 CLAIMS.

A displacement type fluid machine comprising end plates (7, 8) a displacer (5) disposed between said end plates (7,8) and having an outer wall surface, a rotating shaft (6) around a center of rotation of which said displacer (5) orbits, and a cylinder (4) disposed between said end plates (7,8) and having an inner wall surface (4a) within which said displacer (5) is provided, said inner wall surface (4a) having portions (4b) protruded inwardly towards a center of said cylinder (4) into a space formed by said inner wall surface (4a) of said cylinder (4) and said end plates (7,8), wherein the inner and outer wall surfaces are shaped such that one space is provided between the inner wall surface (4a) of said cylinder (4) and the outer wall surface of said displacer (5) if a center of said displacer (5) corresponds to the center of said cylinder (4), and a plurality of spaces are formed between the inner surface (4a) of said cylinder (4) and the outer wall surface of said displacer (5) when the center of said displacer (5) is offset from the center of said cylinder (4) characterized in that said protruded portions (4b) of said inner wall surface (4a) are fixed to at least one of said end plates (7,8).



(a)



Complete Specification : 50 pages. *Drawing :20 sheets*

Ind.Cl.:170 A

194793

Int.Cl[7]:C 11 D 10/00

" A PROCESS FOR PREPARING A SUBTILASE VARIANT"

Applicant: NOVOZYMES A/S.
A DANISH COMPANY
KROGSHOJVEJ 36,
DK-2880 BAGSVAERD
DENMARK

Inventors: 1. L.N. SIERKSTRA
2. J. KLUGKIST
3. PETER MARKVARDSEN
4. CLAUS VON DER OSTEN

Application No744/MAS/1996 filed on 06/05/1996

Convention No.0519/95 on, 05/05/1995 in DENMARK

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

(3 Claims)

A process for preparing a subtilase variant comprising one or more of the subtitutions in subtilase subgroup

a) I-S1:

pos. 129: P129V, P129I, P129L, P129M, P129F, P129W

pos. 131: G131V, G131I, G131L, G131M, G131F, G131P, G131W

pos. 136: K136V, K136I, K136L, K136M, K136F, K136P, K136W, K136G, K136C, K136S, K136A, K136T, K136Y, K136Q, K136H, K136N,

pos. 159: S159V, S159I, S159L, S159M, S159F, S159P, S159W,

pos. 164: T164V, T164I, T164L, T164M, T164F, T164P, T164W,

pos. 167: Y167I, Y167L, Y167M, Y167F, Y167P, Y167W,

pos. 170: K170V, K170I, K170L, K170M, K170F, K170P, K170W, K170G, K170C, K170S, K170A, K170T, K170Y, K170Q, K170H, K170N,

pos. 171: Y171V, Y171I, Y171L, Y171M, Y171F, Y171P, Y171W,

pos. 194: (in BASBPN) P194V, P194I, P194L, P194M, P194F, P194W,

(in BSS168) S194V, S194I, S194L, S194M, S194F, S194P, S194W,

(in all other I-S1 subtilases) A194V, A194I, A194L, A194M, A194F, A194P, A194W

pos. 195: E195V, E195I, E195L, E195M, E195F, E195P, E195W, E195G, E195C, E195S, E195A, E195T, E195Y, E195Q, E195H, E195N,

b) I-S2:

pos. 129: (in BLS309 and BAPB92) P129V, P129I, P129L, P129M, P129F, P129W

(in BLS147) T129V, T129I, T129L, T129M, T129F, T129P, T129W,

(in BYSYAB) S129V, S129I, S129L, S129M, S129F, S129P, S129W,

pos. 131: (in BLS147 and BYSYAB) G131V, G131I, G131L, G131M, G131F, G131P, G131W,

(in BLS309 and BAPB92) P131V, P131I, P131L, P131M, P131F, P131W,

pos. 136: E136V, E136I, E136L, E136M, E136F, E136P, E136W, E136G, E136C, E136S, E136A, E136T, E136Y, E136Q, E136M, E136N,

pos. 159: (in BLS147) Q159V, Q159I, Q159L, Q159M, Q159F, Q159P, Q159W,

(in all other I-S2 subtilases) G159V, G159I, G159L, G159M, G159F, G159P, G159W,

pos. 164: (in BLS147) G164V, G164I, G164L, G164M, G164F, G164P, G164W,

(in BYSYAB) S164V, S164I, S164L, S164M, S164F, S164P, S164W,

(in BLS309 and BAPB92) S164V, S164I, S164L, S164M, S164F, S164P, S164W,

pos. 167: Y167A, Y167H, Y167N, Y167P, Y167C, Y167W, Y167Q, Y167S, Y167T, Y167G, Y167I, Y167L, Y167M, Y167F,

pos. 170: (in BLS309 and BLS147) R170W, R170A, R170H, R170N, R170P, R170Q, R170S, R170T, R170V, R170I, R170L, R170M, R170F, R170G, R170C,

(in BAPB92) R170W, R170A, R170H, R170N, R170P, R170Q, R170S, R170T, R170L, R170F, R170G, R170C,
(in all other I-S2 subtilases) R170W, R170A, R170H, R170N, R170P, R170Q, R170S, R170T, R170Y, R170V, R170I, R170L, R170M, R170F, R170G, R170C,

pos. 171: Y171A, Y171H, Y171N, Y171P, Y171C, Y171W, Y171Q, Y171S, Y171T, Y171G, Y171V, Y171I, Y171L, Y171M, Y171F,

pos. 194: (in BLS147) P194V, P194I, P194L, P194M, P194F, P194W,
(in all other I-S2 subtilases) A194V, A194I, A194L, A194M, A194F, A194P, A194W,

pos. 195: (in BLS147) E195V, E195I, E195L, E195M, E195F, E195P, E195W, E195G, E195C, E195S, E195A, E195T, E195Y, E195Q, E195H, E195N,
(in all other I-S2 subtilases) G195V, G195I, G195L, G195M, G195F, G195P, G195W,

C) Thermitase:

pos. 129: T129V, T129I, T129L, T129M, T129F, T129P, T129W

pos. 131: G131V, G131I, G131L, G131M, G131F, G131P, G131W,

pos. 136: Q136V, Q136I, Q136L, Q136M, Q136F, Q136P, Q136W,

pos. 159: T159V, T159I, T159L, T159M, T159F, T159P, T159W,

pos. 164: A164V, A164I, A164L, A164M, A164F, A164P, A164W,

pos. 167: Y167I, Y167L, Y167M, Y167F, Y167P, Y167W,

pos. 170: Y170V, Y170I, Y170L, Y170M, Y170F, Y170P, Y170W

pos. 171: Y171V, Y171I, Y171L, Y171M, Y171F, Y171P, Y171W,

pos. 194: S194V, S194I, S194L, S194M, S194F, S194P, S194W.

said process comprising culturing a microbial host, which is transformed with a vector comprising a DNA sequence encoding the subtilase variant under conditions conductive to the expression and secretion of said subtilase variant, and recovering the subtilase variant.

Reference to : EP 251446; WO 87/05050; WO 95/30011; EP 525610A1

Comp.Specn 76 Pages; Drgs 2 Sheets.

Ind.Cl.:53 E **194794**

Int.Cl[7]:B 62 K 15/00

" REDUCEABLE BICYCLE"

Applicant: RAMANATHAN BALASUBRAMANIAN
AN INDIAN NATIONAL
DOOR NO.2, KALAIWANAR CROSS ROAD,
ORAGADAM, AMBATTUR, CHENNAI-600053
INDIA

Inventors: 1. RAMANATHAN BALASUBRAMANIAN

Application No:494/MAS/2003 filed on 17/06/2003

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

3 Claims

1. A Reducing bicycle comprising:

a frontwheel fork with pair of tilting sleeves 14 on common hinge 15 at the crown, each supporting a slidable Handlebar 13 a crosslink 18 firmly keeping the handlebars with short extension of the headtube 25 called frontlink 24 rotatable mounted on longer arms of a T –shaped hingepin 6.

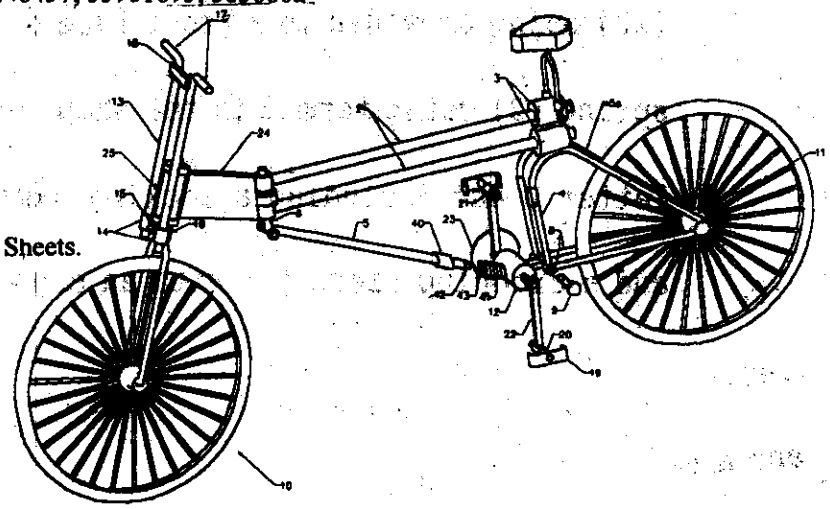
a pair of toptubes 2 slidably supported by rigid sleeves 3 holding said T-shaped hingepin 6 at their front-end.

a down tube 5 hinged to short arms of the T-shaped hingepin 6 with an internally threaded coupler sleeve 40 with hingepin 9.

a bottom bracket 12 hinged at junction 7 of seat-stays and seattube having a threaded stud 41 holding cranks 22 whose freeends provided with short bush 22 which rotatably hold shank 20 of an anchor shaped pedal 19.

a drive mechanism consisting of Bottom Bracket 12 hinged at junction 7 of Seat-Stays and Seat-Tubes having a threaded stud 41 holding cranks 22 whose free-ends having a short bush 22 which rotatably hold shank 20 of anchor shaped pedal 19

Reference to : US 6032971; 4448437; 55901895; 5836602



Comp.Specn. 6 Pages; Drgs 5 Sheets.

Ind.Cl.:76E **194795**

Int.Cl[7]:A44B-19/30

SLIDER FOR SLIDE FASTENER WITH LOCKING DEVICE.

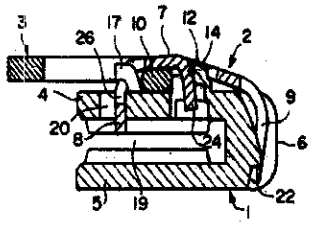
Applicant: YKK CORPORATION
NO 1, KANDA IZUMI-CHO,
CHIYODA-KU,TOKYO
A JAPANESE CORPORATION JAPAN

Inventors: 1. KOJI YAMAGISHI

Application No523/MAS/2001 filed on 27th JUN 2001

Convention No.2000-199479 on, 30th JUN 2000 in JAPAN
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

9 Claims



1. A slider for slide fastener with locking device, including: a protruded piece (17) being provided on a rear portion of an upper plate (4) of a slider body (1) and a pawl hole (20) being provided; a groove (21) with an engaged portion (22) being provided in a front face of a guide post (6); a leaf spring (2) being formed in the shape of a substantially fallen letter U and including a locking pawl (8) at one end thereof and a drooping piece (9) with an engaging portion (23) at the

other end while an engaging tongue piece (24) is provided in a central substrate (7) such that it is extended therefrom in a curved state; a hooking hole (26) provided in the vicinity of the locking pawl (8) being engaged with the rear protruded piece (17) freely movably; the engaging portion (23) of the drooping piece (9) being engaged with the engaged portion (22); and a journal (10) with a cam portion (27) of a pull (3) being disposed between the rear protruded piece (17) and the engaging tongue piece (24)

said slider for slide fastener being characterized in that a contact portion (14) is formed on a front portion of the upper plate (4) by a protruded piece (12) or a through hole (15); and that the engaging tongue piece (24) is mounted on the upper plate (4) such that it is always in a sliding contact with the contact portion (14).

Comp.Specn. 21 Pages; Drgs 7 Sheets.

Ind.Cl.:187 H

194796

Int.Cl[7]:H04N 005/781

" A DATA STREAM REPRODUCTION APPARATUS"

Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
A JAPANESE COMPANY
1006, OAZA KADOMA, KADOMA- SHI
OSAKA 571
JAPAN

Inventors: 1. YOSHIICHIRO KASHIWAGI 2. TAKUMI HASEBE 3. KAZUHIRO TSUGA
4. KAZUHIKO NAKAMURA 5. YOSHIHIRO MORI 6. MASAYUKI KOZUKA
7. YOSHIHISA FUKUSHIMA 8. TOSHIYUKI KAWARA
9. YASUSHI AZUMATANI 10. TOMOYUKI OKADA 11. KENICHI MATSUI

Application No.1714/MAS/1996 filed on 27/09/1996

Convention No.7-276710 on, 29/09/1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

2 Claims

A data stream reproduction apparatus for reproducing data streams comprising a plurality of audio data units where the audio data units are respectively associated with first time codes operable to indicate transfer timings at which the respective audio data units are input to a buffer and at least one audio data unit is associated with a second time code operable to indicate an audio presentation timing at which at least one audio data unit is reproduced; characterized in that said apparatus comprises a decoder, which has the buffer, operable to store the audio data streams input thereto and then decode the stored audio data streams with reference to a reference clock, so as to reproduce the stored audio data streams based on the second time code in such a manner that at least one audio data unit with the second time code is reproduced at the audio presentation timing; an audio data stream supplying arrangement operable

to supply the audio data streams to the buffer with reference to the reference clock so as to input the audio data units at the transfer timings based on the first time codes, respectively; and a controller operable to supply the reference clock to said decoder and said audio data stream supplying arrangement and wherein said controller comprises: a system clock generator operable to generate a first clock and a second clock different from the first clock; and a system clock selector operable to selectively output the first and second clocks in such a manner that, during a first period, one of the first and second clocks is supplied as the reference clock both to said audio data stream supplying arrangement and said decoder and, during a second period, one of the first and second clocks is supplied to said audio data stream supplying arrangement while the other of the first and second clocks is supplied to said decoder.

Comp.Specn. 186 Pages; Drgs 67 Sheets.

Ind.Cl.:104 J

194797

Int. Cl.[7] :C 09 J 3/14

" AN ARTICLE CONSISTING ESSENTIALLY OF VULCANIZED RUBBER AND AN ADHESIVE THERMOPLASTIC COMPOSITION AND A PROCESSS FOR THE PREPARATION OF THE SAME"

Applicant: ENICHEM ELASTOMERI s.r.l., AN ITALIAN REPUBLIC, PIAZZA DELLA REPUBBLICA, 16 - MILAN, ITALY

Inventors: 1. VITTORIO CIACCI
2. EUGENIO LONGO
3. PATRIZIA PIANCASTELLI

Application No1242/MAS/1996 filed on 12th July 1996

Convention No.MI.95/A 001511 filed on 14th July 1995 in ITALY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

24 Claims

An article such as herein described comprising:

(i) at least one part consisting essentially of vulcanized EPDM or EPM rubber; and

(ii) at least one part consisting essentially of an adhesive thermoplastic composition comprising:

(a) a dynamically vulcanized thermoplastic elastomer (TPV) in a quantity of between 15 and 65% by weight; wherein said dynamically vulcanized thermoplastic elastomer forms a continuous phase with thermoplastic properties; and wherein said dynamically vulcanized thermoplastic elastomer consists essentially of at least one polyolefin, in which a partially vulcanized elastomeric phase is finely dispersed;

(b) a polyethylene having a density equal to or less than 0.920 g/cm^3 in a quantity of between 85 and 35% by weight; wherein the sum of (a) and (b) is equal to 100;

(c) an additive in a quantity of between 0 and 100 parts by weight by 100 parts of the sum of (a) and (b); wherein components (i) and (ii) are joined in such a way as to form a single element.

Comp.Specn. 29 Pages; Drgs 0 Sheets.

Ind.Cl.:26 **194798**

Int.Cl[7]:A61C-17/34, A46B-13/02

AN ELICTRICALLY DRIVEN TOOTHBRUSH

Applicant: GREG MCDOUGALL
OF 5C, TAICHI COURT, 132 AUSTIN ROAD
TSIMHATSUI, KOWLOON,
AN AUSTRALIAN CITIZEN
HONG KONG.

Inventors: 1.GREG MCDOUGALL.

Application No871/MAS/96 filed on 23 MAY 1996

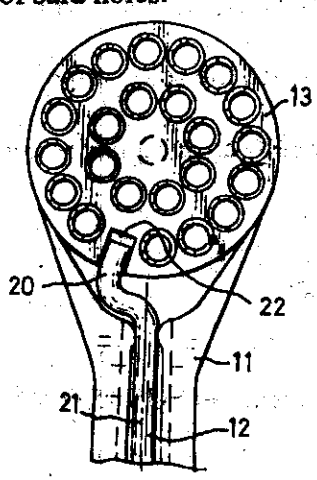
Convention No.08/449 298 on, 24TH MAY 1995 in US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

4 Claims

An electrically driven toothbrush having a handle (10), a head (11) and a bristle holder (13) pivotably mounted to the head and having a slot (22) that is directly engaged by a remote end (20) of the shaft (12) characterized by an integrally formed rotatable shaft (12), having a longitudinal central axis, extending from the handle (10) to the head (11), which is bent away from the central axis to form the remote end (20) so that the brush holder (13) vibrates about its pivot when the shaft (12) rotates and by bristle holder (13) having a plurality of bristle receiving and retaining holes formed in and distributed around a top surface of said holder (13) and said slot (22) extending inwardly between an adjacent pair of said holes.

Comp.Specn. 8 Pages; Drgs 2 Sheets.



Ind.Cl.:206

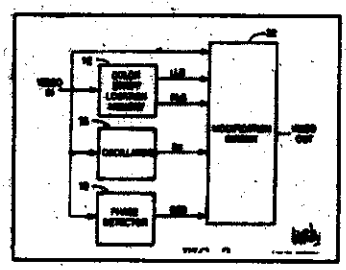
194799

Int.Cl[7]:H 04 N 05/913

"A method and an apparatus for modifying a video signal containing a color stripe modification in selected video line of the video signal."

Applicant: MACROVISION CORPORATION
of 1341 ORLEANS DRIVE,
SYNNYVALE,CALIFORNIA 94089
A U.S. COMPANY.
U.S.A.

Inventors: 1. RONALD QUAN
2. JOHN O RYAN



Application No761/MAS/96 filed on 8th MAY 96

Convention No.08/438,155 on, 9th MAY 1995 in USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

60 Claims

A method of modifying a video signal containing a color stripe modification in selected video lines of the video signal, wherein the color stripe modification inhibits the making of acceptable video recordings of the video signal, the method comprising the steps of:

determining in which lines of the video signal the color stripe modification is present; and

modifying the color stripe modified video signal within less than all of the lines in which the color stripe modification is present but in a sufficient number of the lines whereby an acceptable recording of the video signal can be made.

Reference to : US 4577216 4626890

Comp.Specn. 55 Pages; Drgs 11 Sheets.

Ind.Cl.:170 A **194800**

Int. Cl.[7]:C 11 D 10/00

" A METHOD OF PRODUCING AN ENZYME EXHIBITING ENDOGLUCANASE ACTIVITY"

Applicant: NOVOZYMES A/S
A DANISH COMPANY
KROGSHOJVEJ 36
DK-2880 BAGSVAERD
DENMARK

Inventors: 1. SCHULEIN, Martin, 2. ANDERSEN, Lene Nonboe
3. LASSEN, Soren Flensted 4. KAUPPINEN, Markus Sakari
5. LANGE, Lene 6. NELSEN RUBY ILUM
7. IHARA, Michiko 8. TAKAGI, Shinobu

Application No:738/MAS/1996 filed on 06/05/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

9 Claims

A method of producing an enzyme exhibiting endoglucanase activity, the method comprising culturing a cell having

(a) a DNA construct comprising the DNA sequence shown in SEQ IS No.8, or a DNA construct comprising the DNA sequence obtainable from the plasmid in Saccharomyces cerevisisae DSM 10081, or

(b) a DNA construct comprising an analogue of the DNA sequence shown in SEQ ID No.8 or a DNA construct comprising the DNA sequence obtainable from the plasmid in Saccharomyces cerevisiae DSM 10081, which DNA sequence has at least 75% identity with the DNA sequence shown in SEQ ID No.8 or the DNA sequence obtainable from the plasmid in Sachharomyes cerevisiae DSM 10081, under conditions permitting the production of the enzyme, and recovering the enzyme from the culture.

Comp.Specn. 276 Pages; Drgs 8 Sheets.

Indian Classification	:	32F	**194801**
International Classification[4]	:	C08K-003/20, C08L-063/02.	
Title	:	**"A STEREO SELECTIVE ENZYMATIC RESOLUTION PROCESS FOR THE PREPARATION OF (R,S)-1-CHLORO-3-(1-NAPHTHYLOXY)-2-PROPANOL":**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**MUNISH KAPOOR** **SUBHASH CHANDRA TANEJA** **SURRINDER KOUL** **RAJINDER PARSHAD** **KULDIP SINGH MANHAS** **GHULAM NABI QAZI-ALL INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **1059/DEL/2002** filed on **22/10/2002.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

A stereo selective enzymatic resolution process for the preparation of (R,S)-1-chloro-3-(1-naphthyloxy)-2-propanol which comprises; incubating alkyl acylates of (R,S)-1-chloro-3-(1-naphthyloxy)-2-propanol of formula 1 of the drawing accompanying the specification wherein R1 is an alkyl group having C_1 to C_5 carbon atoms with whole cells or cell free extract of Trichosporon sp. hydrolase (RRLY-15)or crude dry powder of Mucor javancus lipase in an aqueous buffer medium such as herein described at temperature ranging between 5-50^{0}C, separating hydrolyzed (R) or (S)-chlorohydrins of formula 2a or 3a of the drawing Reference to accompanying drawings should be given. the specification and unhydrolysed chloroalkyl ester of formula 2b or 3b of the drawing accompanying the specification form the mixture where R_1 represents (C-1 to C-5)alkyl groups by chromatographic methods, to obtain(R,S)-1-1chloro-3-(1-naphthyloxy)-2-propanol.

(Complete Specification Pages 13 Drawing 01 Sheet)

Indian Classification	:-	32 C	194802
International Classification[7]	:-	C 07C 079/10	
Title	:-	"A PROCESS FOR THE PRODUCTION OF NITROAROMATIC COMPOUNDS FROM AROMATIC HYDROCARBONS USING MODOFIED CLAY CATALYSTS"	
Applicant	:-	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.	
Inventors	:-	BOYAPATI MANORANJAN CHOUDARY – INDIAN MANNEPALLI LAKSHMI KANTAM – INDIAN MUTYALA SATEESH – INDIAN KOTTAPALLI KOTESWARA RAO – INDIAN KONDAPURAM VIJAYA RAGHAVAN - INDIAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number		2939/DEL/1997 filed on	14/10/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 5)

An improved process for the preparation of nitro aromatic compounds from aromatic hydrocarbons using a metal ion exchanged clay catalyst having metal ion such as herein described, which comprises reacting aromatic hydrocarbon as defined herein with fuming nitric acid wherein the molar ratio of nitric acid to aromatic hydrocarbon ranges from 0.3 to 1.2, in the presence of metal ion exchanged clay catalyst, at a temperature in the range of 25°C to 155°C for a period ranging 0.25 to 2.0 hrs and recovering corresponding nitro aromatic compounds by conventional method such as herein described.

Complete Specification	No of Pages	19	Drawings Sheets	NIL

Indian Classification 32 C 194803

International Classification[7] :- C 08F 120/10, 118/02, 212/08

Title :- "A NOVEL PROCESS FOR THE PREPARATION OF AN ACRYLIC BLOCK COPOLYMER RESIN EMULSION".

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors :- SOUNDAPPAN NAGARAJAN – INDIAN
KALATHUR SABDHAM VANGEPURAM SRINIVASAN - INDIAN

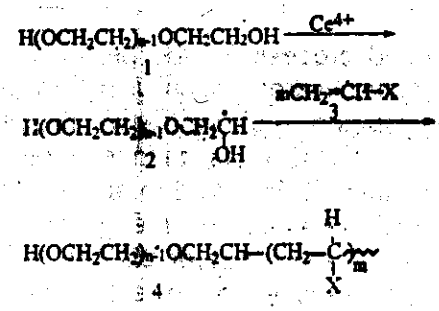
Kind of Application :- COMPLETE

Application for Patent Number 2790/DEL/1997 filed on 30/09/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 5)

A novel process for the preparation of an acrylic block copolymer resin emulsion which comprises, reacting a water soluble polyol of the formula 1



Formula I

With a hydrophobic or hydrophilic acrylic vinyl monomer or a combination thereof as herein described using Cerium (IV) as redox initiator as herein described in an acidic medium at a pH range of 3-4 at a temperature in the range of 30-40 deg. C over a period of 2-3 hours in dark and inert atmosphere, conducting known iodometric titration for completion of polymerization to obtain the product.

Complete Specification No of Pages 15 Drawings Sheet 01

Indian Classification	:-	32 B
		194804
International Classification[7]	:-	C 07C 9/00
Title	:-	"AN IMPROVED PROCESS FOR THE PREPARATION OF DIALKOXY METHANES".
Applicant	:-	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.
Inventors	:-	ABDUL RAKEEB ABDUAL SUBHAN DESHMUKH - INDIAN BABURAO MANIKRAO BHAWAL – INDIAN VIKAS KALYANRAO GUMASTE - INDIAN
Kind of Application	:-	COMPLETE

Application for Patent Number 392/DEL/1996 filed on 23/02/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 6)

An improved process for the preparation of dialkoxy methanes which comprises heating aliphalic aldehydes or paraldehydes and alcohols selected from the group consisting of primary, secondary, cyclic or benzylic alcohol in the presence of a catalyst such as herein described at a temperature in the range from 60 to 150°C for a period ranging between 6 to 12 hours, filtering the reaction mixture by conventional methods to remove the catalyst and recovering the dialkoxy methanes formed from the filtrate by fractional distillation.

Complete Specification	No of Pages	09	Drawings Sheets	NIL

Indian Classification :- 55 E4

194805

International Classification[7] :- A 61K 38/12

Title :- " A PROCESS FOR THE PREPARATION OF A SYNERGISTIC PHARMACEUTICAL FORMULATION WITH BOOSTED IMMUNOSUPPRESSION "

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors :- SUKHDEV SWAMI HANDA – INDIA
KASTURI LAL BEDI – INDIA
USHA ZUTSHI – INDIA
RAVI KANT KHAJURIA – INDIA
ASHOK KUMAR TIKOO – INDIA
MANOJ KUMAR TIKKO – INDIA
RAJINDER KUMAR GUPTA – INDIA
SUBHASH CHANDER SHARMA – INDIA

Kind of Application :- COMPLETE

Application for Patent Number 899/DEL/2000 filed on 06/10/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 03)

A process for the preparation of a synergistic pharmaceutical formulation with boosted immunosuppression which comprises mixing a conventional immunosuppresant agent selected from Cyclosporin A, Tacrolimus, or Mycophenolate mofetil with piperine and *Zingiber officinale* juice to get the desired formulation wherein the amount of piperine ranges from 1.8-48% (w/w), amount of *Zingiber officinale* juice ranges from 0.33-25% (w/w) and immunosuppresant agent ranges from 50-98% (w/w).

Complete Specification No of Pages 18 Drawings Sheet 00

Indian Classification	:	94.3.70. 80V1 194806
International Classification[4]	:	C13 D1/00, C13D3/00, A23L 2/00.
Title	:	**"AN IMPROVED PROCESS FOR PREPARATION AND PRESERVATION OF SUGARCANE JUICE".**
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH.** Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**BASHYAM RAGHAVAN** **BABASAHEB BHASKARRAO BORSE** **MYSORE NAGARAJARAO RAMESH** **KULATHOORAN RAMALAKSHMI** **VISHWESHWARAIAH PRAKASH-** **ALL INDIAN.**
Kind of Application	:	COMPLETE

Application for Patent Number **78/DEL/2002** filed on **30/01/2002.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

An improved process for preparation and preservation of sugarcane juice which comprises,

a) soaking the canes in a tank containing potassium metabisulphite at 0.1% concentration and citric acid at 0.01% concentration for a period of 2 – 4 hrs,

b) washing the canes obtained form above treatment with plain water ,

c) crushing the canes using a mechanical device to obtain the juice having 18-20° Brix,

d) filtering the above juice using a centrifuge at a speed to 2000-2500 rpm at 22-28°C,

e) diluting the clarified juice obtained after centrifugation with demineralised water till the total solid content is adjusted to 10-15° Brix,

f) adding preservatives to the diluted juice such as potassium metabisulphite at a concentration of 70-140 ppm and citric acid at 0.2 – 0.3%,

g) emulsifying the diluted juice with additives preferably xanthan gum at a concentration range of 0.01 to 0.10%, sodium alginate at a concentration range of 0.05 to 0.50%,

h) homogenizing the emulsified juice obtained from the step (f) using a homogeniser at a speed of 10000 to 15000 rpm for a period of 5 to 10 min at 2000 – 2500 psi pressure, to get the desired sugarcane juice, the said process is characterized in that using additives xanthan gum and sodium alginate at a particular concentration range such as described above.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification	:	39III	**194807**
International Classification[4]	:	C 30B 25/02, C30B 25/18	
Title	:	**"AN IMPROVED PROCESS FOR THE PRODUCTION OF NIOBIUM CARBIDE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**SAROJ KUMAR SINGH BHASKAR CHANDRA ACHARYA- BOTH INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **508/DEL/1998** filed on **26/02/1998.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

An improved process for the production of niobium carbide which comprises: fusing a mixture of niobium oxide containing source as herein described, carbon source and binder as herein described at a temperature above 1500^0C under inert atmosphere for a period in the range of 15 to 30 minutes, grinding the above said fused mass to make powder, removing free carbon by known method as herein described, leaching the above carbon removed powder with acid to obtain niobium carbide by conventional methods such as herein described.

(Complete Specification Pages 08 Drawing NIL Sheets)

Indian Classification 32 C **194808**

International Classification[7] :- A 47B 007/00

Title :- "AN IMPROVED PROCESS FOR THE PREPARATION OF ONE PIECE INSERT USEFUL FOR AN ARTIFICIAL FOOT".

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors :- VIKAS MADHUSUDAN NADKARNI – INDIAN
PRABHAKAR SADASHIV PATIL – INDIAN
SANDEEPAK BALKRISHNA PANDIT – INDIAN
OMPRAKASH SHRINIVAS YEMUL – INDIAN
CHELANATTU KHIZHAKKE MADATH RAMAN RAJAN – INDIAN.

Kind of Application :- COMPLETE

Application for Patent Number 501/DEL/1998 filed on 26/02/1998

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 2)

An improved process for the preparation of a one piece insert consisting of the components such as the ankle block, forefoot and the hindfoot useful in the preparation of an artificial foot which comprises a)coating the mold with relaxing agent such as herein described, b)casting flexible polyurethane formulation such as herein described for the hind foot c)allowing the formulation to solidify by maintaining the mold at a temperature in the range of 27 to 35 deg.C for a period upto 60 minutes, d)repeating step a), e)casting the rigid formulations such as herein described for the ankle and semirigid formulation such as herein described for fore foot wherein the order of casting can be varied, maintaining the mold at a temperature in the range of 27 to 35 deg.C for a period upto 60 minutes, f) demolding the one piece insert as obtained in steps c) and e) and postcuring the product at a temperature in the range of 80 to 100 deg.C for a period ranging from 2 to 4 hours.

Complete Specification No of Pages 26 Drawings Sheets NIL

194809

Indian Classification :- 32 E

International Classification[7] :- C 08F 236/00

Title :- "A PROCESS FOR THE PREPARATION OF POLYACRYLATE DISPERSION HAVING FREE MONOMER CONTENT LESS THAN 0.1% V/V.

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors :- KALATHUR SABDAM VANGEEPURAM SRINIVASAN – INDIAN
SUNDARRAJ SUDHAKAR – INDIAN
TALLURY PADMAVATHY – INDIAN.

Kind of Application :- COMPLETE

Application for Patent Number 209/DEL/2001 filed on 27/02/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 7)

A process for the preparation of polyacrylate dispersion having free monomer content less than 0.1% v/v which comprises; polymerizing a mixture of acrylate ester monomers in inert atmosphere such as nitrogen using 0.4-1% v/v, of known redox initiators as herein described in the presence of 2-5% v/v, of emulsifiers such as alkyl aryl poly ether having molecular weight in the range of 200-400 repeat units and ionic emulsifiers as herein described, by delayed addition technique at a temperature 50-90°C for a period of minimum 4 hrs, followed by separation of the resulting mixture by known method and subsequent adjusting the pH of the dispersion in the range of 6.5-7.5 by known method to obtain the polyacrylate dispersion having free monomer content less than 0.1% v/v.

Complete Specification No of Pages 12 Drawings Sheets NIL

Indian Classification :- 32 F_3C, 65 E_4 **194810**

International Classification[7] :- A 61K 31/05, A 61K 35/78

Title :- "A PROCESS FOR PREPARATION OF (+)-CYCLOOLIVIL USEFUL AS ANTIOXIDANT".

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors :- JANASWAMY MADHUSUDANA RAO – INDIAN
ASHOK KUMAR TIWARI – INDIAN
UPPARAPALLI SAMPATHKUMAR – INDIAN
JHILLU SINGH YADAV – INDIAN
KONDAPURAM VIJAYA RAGHAVAN – INDIAN.

Kind of Application :- COMPLETE

Application for Patent Number 859/del/2001 filed on 16/08/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 2)

A process for preparation of (+)-cycloolivil useful as antioxidant, said process comprising the steps of: - (a) extracting dried wood powder of Stereospermum personatum with hexane to obtain residue; - (b) extracting the residue from step (a) with chloroform; - (c) concentrating the chloroform solution from step (b) under vacuum to obtain extract; absorbing the extract on a silicagel (60-120mesh) and loaded on silicagel (60-120mesh) column (4 cm dia to height of 100 cm); - (d) eluting the column with chloroform methanol gradient, and – (e) collecting the 5% methanol in chloroform eluted fraction, concentrating the fraction by conventional methods to obtain pure (+)-Cycloolivil.

Complete Specification No of Pages 08 Drawings Sheet 01

Indian Classification 39 **194811**

International Classification[7] :- C 07C 039/367

Title :- "PROCESS FOR PREPARATION OF NON-HAZARDOUS BROMINATING REAGENT"

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, India, an Indian registered body incorporated under the Registration of Societies Act.

Inventors :- GADDE RAMACHANDRAIAH – INDIAN
PUSHPITO KUMAR GHOSH – INDIAN
SUBBARAYAPPA ADIMURTHY – INDIAN
ASHUTOSH VASANT BEDEKAR – INDIAN
DIPAK BALVANTRAI SHUKLA - INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 758/DEL/2003 filed on 30/05/2003

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 8)

A process for preparation of a non-hazardous brominating reagent by the oxidation of a source of bromide ions to bromate ions, comprising

(i) dissolving an alkali metal salt in deionized water;
(ii) adding a source of bromide ions in 0.5 to 2.0 times v/v of deionized water containing alkali metal salt obtained in step (i) under stirring
(iii) purging chlorine gas or flue chlorine gas to the solution of step (ii) above at a rate ranging from 100 to 1000 ml per minute over a period of 6 to 8 hours or till brown colored vapors are evolved at a temperature of the reaction mixture in the range of 20 to 40°C;
(iv) diluting the mixture obtained in step (iii) with 2 to 3 times (v/v) of intermediate mixture to obtain a stoichiomertic ratio of bromide ion to bromate ion in the range of 1.9:1 to 2.2:1 and the rest deionized water till a clear solution of the mixture is obtained;
(v) evaporating the reaction mixture of step (iv) to obtain solid product, and drying the product at a temperature in the range of 55 to 80°C to get brominating reagent with an active bromine content maintained between 45 to 55 percent.

Complete Specification No of Pages - 13 Drawings Sheet - NIL

Indian Classification	:-	130 D	**194812**
International Classification[7]	:-	C 01G 3/00	
Title	:-	"A PROCESS FOR THE EXTRACTION OF COPPER FROM A SULPHIDE ORE OR CONCENTRATE".	
Applicant	:-	COMINCO ENGINEERING SERVICES LTD., of Suite 500-200 Burrard Street, Vancouver, British Columbia, Canada, V6C 3L7.	
Inventors	:-	DAVID LLEWELLYN JONES - CANADIAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number		2319/DEL/1995 filed on 14/12/1995	

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office . New Delhi Branch - 110 008.

(Claims 8)

A process for the extraction of copper from a sulphide copper ore or concentrate, comprising the steps of:

subjecting the ore or concentrate along with a source of bisulphate or sulphate ions to pressure oxidation at a temperature of from 115°C to 160°C in the presence of oxygen and an acidic solution containing halide ions to obtain a resulting pressure oxidation slurry;

subjecting the slurry to a liquid/solid separation step to obtain a resulting pressure oxidation filtrate and a solid residue containing an insoluble basic copper sulphate salt; and

recovering copper from the pressure oxidation filtrate or the solid residue; and

recycling the pressure oxidation filtrate to the pressure oxidation;

leaching the basic copper sulphate salt produced by the pressure oxidation in a second leaching with an acidic sulphate solution to dissolve the basic copper salt to produce a leach liquor containing copper sulphate in solution and a resulting solid residue;

separating the leach liquor from the solid residue;

subjecting the leach liquor to a solvent extraction process to produce copper concentrate solution and a copper depleted raffinate; and

recycling the raffinate to the second leaching step;

characterized in that the copper concentration in the pressure oxidation filtrate being recycled is controlled by subjecting the filtrate to copper solvent extraction prior to recycling to produce a copper solution and an acidic raffinate and recycling the raffinate.

Complete Specification	No of Pages	49	Drawings Sheets	06

Indian Classification	:	92, 83XIV	**194813**
International Classification[4]	:	A 23L 1/06	
Title	:	**"AN IMPROVED PROCESS FOR THE PREPARATION OF TAMARIND PASTE".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**NALKUNDI BASAVACHARYA-SHANKARACHARYA-INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **220/DEL/2002** filed on **14/03/2002**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for the preparation of tamarind paste which comprises:

a) removing the seeds, fibers and extraneous matter from the commercial pulp of tamarind manually,

b) mixing the pulp with equal quantity of water and spreading it on enamel or stainless steel trays in uniform layers of 2-3 cm thickness,

c) heating the pulp in trays at 60-70^{0}C for 1-2 hours,

d) coarse-grinding the pulp for 10-15 min on a wet-grinder,

e) passing the ground pulp through a sieve size of 1.5-2.5 mm to separate out the fibrous matter from the paste,

f) heating the sieved paste for2-6 hours at 60-70^{0}C to get a Brix level of 40-60^{0}C,

g) optionally treating the above said paste with a preservative such as herein described to obtain tamarind paste.

(Complete Specification Pages 09 Drawing NIL Sheets)

Indian Classification	:	70, 56V	**194814**
International Classification[4]	:	A23 L 1/27	
Title	:	**"A PROCESS FOR THE PREPARATION OF IMPROVED POMEGRANATE JUICE COMPOSITION HAVING STABLE JUICE COLOUR AND FLAVOUR USING A NOVEL COMPOSITION".**	
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	**ATTAR SINGH CHAUHAN** **PRADEEP SINGH NEGI** **SOMARADHYA MALLIKARJUNARADHYA.** **ALL INDIAN.**	
Kind of Application	:	COMPLETE	

Application for Patent Number **219/DEL/2002** filed on **14/03/2002.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for the preparation of improved pomegranate juice having stable juice colour and flavour using a novel composition comprising 0.050-0.0.075% (w/v) of glucose/dextrose, 6.0-8.0% of sugar (w/v), 0.35-0.40% of citric acid, 0.015-0.020% (w/v) of common salt, 0.025-0.030% (w/v) of ascorbic acid and 0.03-0.05% of honey, said process comprises the steps of :a) preparing pomegranate juice from clean, juicy seeds of pomegranate by conventional manner such as herein described, b) adding to the obtained juice the novel composition as described above, c) clarifying of the pomegranate juice fortified with novel composition through filter paper in a buchner funnel, d) heating clarified juice obtained at step (c) at a temperature ranging 50-55^{0}C for 4-5 minutes, e) storing the obtained juice at a temperature ranging 2-4^{0}C in a pre-sterilized glass bottle sealed with crown cork to get desired juice having stable colour and falvour, the said process is characterized in that using the novel composition in the pomegranate juice to get stable colour and flavour of the juice.

(Complete Specification Pages 10 Drawing NIL Sheets)

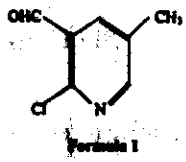
Indian Classification	:	55E4 **194815**
International Classification[4]	:	A 61K 31/00
Title	:	**"A PROCESS FOR THE PREPARATION OF 2-CHLORO-5-METHYLPYRIDINE-3-CARBALDEHYDE".**
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**BANDA GANGADASU** **BHIMAPAKA CHINARAJU** **VAIDYA JAYATHIRTHA RAO -ALL INDIAN.**
Kind of Application	:	COMPLETE

Application for Patent Number **401/DEL/2002** filed on **28/03/2002.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the preparation of 2-chloro-5-methylpyridine-3-carbaldehyde of the formula 1 below



Formula 1

Comprising reacting N-benzyl-N-(1-Propenyl) acetamide with a reagent selected from dimethylformamide mixed with diphosphogene/triphosphogene in a molar ratio of dimethylformamide t diphosgene or triphosgene in the range of 1:1-2:1 under dry conditions in an ice cold bath for about 30 minutes, removing the cold bath and maintaining a temperature of 25 – 30°C for 2 hours followed by heating the resultant reaction mixture at a temperature in the range of 75 –100°C for a period ranging from 4-16 hours to obtain 2-chloro-5-methylpyridine-3-carbaldehyde.

(Complete Specification Pages 08 Drawing NIL Sheets)

Indian Classification	:	55XIX	194816
International Classification[4]	:	A 23L 1/00	
Title	:	"A PROCESS FOR THE PREPARATION OF SMOKY ODOUR FREE LARGE CARDAMOM CAPSULES".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	JARPLA PURA NAIK SATHYAGALAM RANGANATHA-DESIKACHARYA SAMPATHU MYSORE NAGARAJA RAO RAMESH-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number 224/DEL/2002 filed on 14/03/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for the preparation of smoky odour free large cardamom capsules, which comprises:

a) cleaning physically the 'bhatti' cured large cardamom capsules to remove the extraneous matter.

b) loading the cleaned 'bhatti' cured capsules into a cylindrical column or still,

c) sparging the capsules with live steam generated either from an outside source or in situ generator under operating conditions of steam pressure varying from atmospheric to 200 kPa, at a steam passage rate of 0.2-0.5 kg/h.

d) drying the capsules at a temperature in the range of 40-50^{0}C in a drier for 2-4 hrs, to obtain the desired smoky odour free large cardamom capsules having 10-12% moisture content.

(Complete Specification Pages 09 Drawing NIL Sheets)

Indian Classification :- 50 E

194817

International Classification[7] :- F 25 B13/00

Title :- "AN IMPROVED REFRIGERANT STORAGE APPARATUS

Applicant :- CARRIER CORPORATION, of P.O. Box 4800, Syracuse, New York 13221, U.S.A.

Inventors :- DAREN STANLEY SHEEHAN - U.S.A.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 1164/del/2001 filed on 20/11/2001

Convention No 09/736,702/United States of America/15/12/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 07)

An improved refrigerant storage apparatus for an absorption heating and cooling apparatus of the type having a condenser, an absorber, an evaporator with a sump, and high and low temperature generators,all interconnected to form a closed apparatus that can be selectively swithched between cooling and heating mode so operation, characterized by: - a refrigerant tank located vertically above the condenser having sufficient capacity for storage; and fluid interconnection means between the high-temperature generator, low temperature generator and said refrigerant storage tank for conducting the flow of refrigerant vapour from the high-temperature generator to the low-temperature generator where it is condensed into liquid form, and for conducting in the resultant liquid refrigerant from said low temperature generator to said refrigerant storage tank.

Complete Specification No of Pages :17

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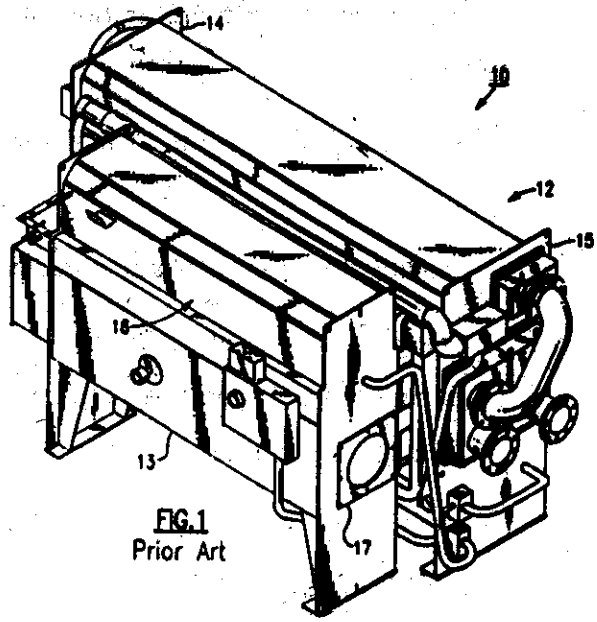

FIG.1
Prior Art

Indian Classification :- 163 D **194818**

International Classification[7] :- F 01 C 1/16

Title :- A conjugate pair of intermeshing rotors.

Applicant :- Carrier Corporation, a Corporation incorporated in the State of Delaware, of Carrier Parkway, P.O. Box 4800, Syracuse,, New York 13221, USA

Inventors :- Keshava Basavapatna Kumar Indian
James William Bush US

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 605/del/1999 filed on 19/04/99

Convention No. 87576/US/29.05.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 4)

A conjugate pair of intemeshing rotors (14, 16) having a helical lobes comprising helical crests (14-1, 16-1) and intervening grooves (14-2, 16-2) for rotation about parallel axes (A, B) within a working space of a screw rotor machine (10), each rotor has a tip circle (T_F, T_M), a pitch circle (P_F, P_M) and a root circle (R_{FR}, R_{MR}), one rotor of each pair being a female rotor (14) so that the major portion of each lobe of said female rotor is located inside said pitch circle of said female rotor, the other rotor being a male rotor (16) formed so that the major portion of each lobe of said male rotor is located outside said pitch circle of said male rotor, the lobes of one rotor following the grooves of the other rotor to form a continuous sealing line between said pair of rotors, a first portion of each female lobe located generally between the tip circle (T_F/12-1) and pitch circle (PF) of said female rotor containing a first segment (F5"-F7) having a large radius portion (F5"-F6) nearer said pitch circle of said female rotor, wherein said large radius portion of said segment intersects the tip circle of said female rotor at an angle other than 0 degrees.

Complete Specification No of Pages 17

Drawings Sheets 8

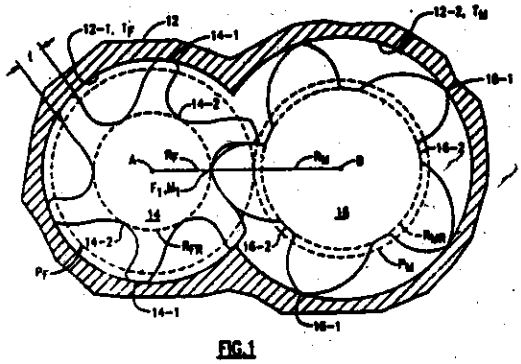

FIG.1

Indian Classification :- 196 B 194819

International Classification[7] :- F 24 F 13/075, F 24 F 1/00

Title :- "AN APPARATUS FOR DEFLECTING CONDITIONED AIR"

Applicant :- CARRIER CORPORATION, a corporation incorporated in the state of Delaware, of Carrier Parkway, P.O. Box 4800 Syracuse, USA.

Inventors :- RICHARD DALE DENNIS, U.S.A.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 602/del/1999 filed on 19/04/1999

Convention No /United States of America/03/06/1998

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - [illegible]

(Claims 06)

An apparatus for deflecting conditioned air that is being discharged from an air conditioning unit into a comfort zone comprising: - an air conditioner cabinet (15) that contains a duct (17) through which conditioned supply air is discharged into a comfort zone characterized in that: - a stationary outer frame (25) mounted within said duct; - a movable inner frame (30) that is pivotally mounted inside said outer frame so that said inner frame rotates about a horizontal axis; - motor (55) mounted in said cabinet having a drive shaft; - a lever arm (61) connected at one end to said drive shaft so as to regulate the motion of the inner frame within a given range of motion.

Complete Specification No of Pages 08

Drawings Sheets 06

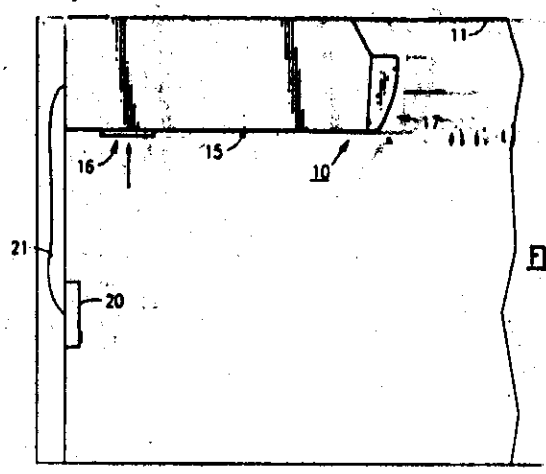

FIG.1

Indian Classification :- 196 5 **194820**

International Classification :- F 24 F 1/00

Title :- "WINDOW ROOM AIR CONDITIONER".

Applicant :- CARRIER CORPORATION Carrier Parkway, P.O. Box 4800, Syracuse, New York 13221, U.S.A.

Inventors :- RODRIGUEZ NESTOR HERNANDEZ - MEXIEAN
CASTILLO DAVID HERNANDEZ - MEXIEAN
LEDEZMA VICTORIANO ZAMORA - MEXIEAN
HERNANDEZ JOSE GUADALUPE OLIVA - MEXIEAN

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 1053/del/1999 filed on 02/08/1999

Convention No 09/140007/United States of America/26/08/1998

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 09)

A window room air conditioner of the type having an indoor section and an outdoor section, which are supported by a base pan, and which are separated by partition, the indoor section comprises an indoor fan and an evaporator coil; and the outdoor section comprises a condenser coil, an outdoor fan and a compressor, characterized by : - a first subassembly comprising : - a base pan having an indoor region proximate the front of said base pan and an outdoor base pan proximate the back of said base pan; - a compressor supported in said outdoor region; - a condenser coil supported in said outdoor region rearwardly, as said compressor; - an evaporator coil supported in said indoor region; and - a refrigeration flow circuit interconnecting said condenser coil, said evaporator coil, and said compressor; and - a second subassembly comprising; and - a second subassembly comprising; - a vertically extending partition having an indoor side, an outdoor side, and an opening therethrough extending from said indoor side to said outdoor side, sasid partition being configured to cooperate with said base pan to separate said indoor region said outdoor region; - an electric motor mounted on said outdoor side of said partition, said motor having a drive shaft extending perpendicular to said partition with a first end extending through said opening so that it is on said indoor side of said partition, and a second end on said outdoor side of said partition; - an indoor fan mounted to said first end of said first drive shaft; and - an outdoor fan mounted to said second end of said drive shaft; - said second subassembly being configured to be assembled to said first subassembly by positioning said second subassembly in a position vertically spaced above said first subassembly and lowering said second subassembly into a predetermined alignment with said first subassembly with said outdoor fan forward of an adjacent to said outdoor heat exchanger, and said indoor fan rearward of and spaced from said indoor heat exchanger, and with said partition engaging said base pan; and - means as herein described for attaching said partition to said base pan.

Complete Specification No of Pages 17

Drawing Sheets 09

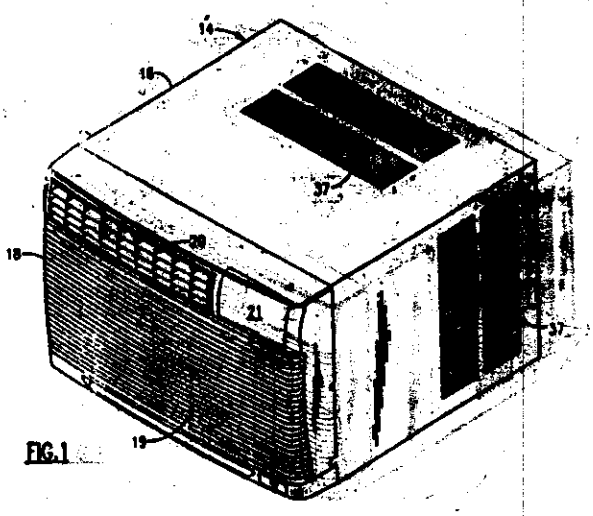

FIG.1

Indian Classification :- 55 E4 194821

International Classification[7] :- A 61K 47/00, 31/79 & 9/20

Title :- "A process for the preparation of water dispersible tablets of cephalexin".

Applicant :- Ranbaxy Laboratories Limited, of 19, Nehru Place, New Delhi - 110 019, India.

Inventors :- RAMALINGAM - MANIKANDAN - INDIAN
ASHISH - GOGIA - INDIAN
SUNILENDU BHUSHAN ROY - INDIAN
RAJIV - MALIK - INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 815/del/2002 filed on 02/08/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 17)

A process for the preparation of water dispersible tablets of cephalexin, which disintegrate within 3 minutes in water at 20°C±5°C to form a uniform suspension wherein the process comprises granulating cephalexin, conventional intragranular disintegrant(s) and colloidal silicon dioxide and optionally suspending/coloring agent with binder solution, of the kind as herein described; drying the resulting granules, mixing with conventional extragranular disintegrant(s), fillers, lubricating agents and optionally other excipients and compressing to form tablets; wherein the disintegrant comprises from 0.5% to 10%; colloidal silicon dioxide comprises from 0.25% to 6.0%; and binder comprises 0.25% to 4%; and lubricant comprises from 0.25% to 5% by weight of the total tablet weight.

Complete Specification No of Pages 15 Drawings Sheets NIL

Indian Classification :- 55E 4 **194822**

International Classification[7] :- A61K 009/00

Title :- "PROCESS FOR TH PREPARATION OF A DISPERSIBLE TABLET OF β-LACTAM ANTIBIOTIC"

Applicant :- RANBAXY LABORATORIES LIMITED, a Company incorporated under the Companies Act, 1956 of 19 Nehru Place, New Delhi- 110 019, India.

Inventors :- SHASHIKANTH ISLOOR -INDIAN
SHISHIR BHAND -INDIAN
SUNILENDU BHUSHAN ROY -INDIAN
RAJIV MALIK -INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 753/DEL/2002 filed on 16/07/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 09)

A process for the preparation of a dispersible tablet of β –lactam antibiotic for oral administration comprising:

a. mixing 10-70% w/w of β-lactam antibiotic as herein described, 0.5 to 4% w/w of a conventional intragranular disintegrant incorpporated as dry mix or in granulating fluid, followed by aqueous granulating fluid, followed by aqueous granulation, to obtain wet granules,
b. drying said wet granules as herein described, to obtain dried granules.
c. optionally mixing 0.5 to 5% w/w an extragranular disintegrant as herein described, 1 to 20% of calavulanic acid or derivative thereof and a conventional pharmaceutically accepted excipient selected from the group consisting of 40-70% w/w a filler, 0.1 to 5% lubricant, 0.1 to 5% glidant, 0.01 to 5% flavouring agent, 0.01 to 5% colourant and 0.01 to %% sweetener as herein described, to obtain a mixture,
d. compressing the mixture to obtain said dispersible tablet.

Complete Specification No of Pages 10 Drawings Sheets 00

Indian Classification	:-	196 B1
International Classification[7]	:-	F 24 F 13/20, 1/02
Title	:-	"AN IMPROVED GRILLE FOR AN AIR CONDITIONER".
Applicant	:-	CARRIER CORPORATION, Located at Carrier Parkway, P.O Box 4800, Syracuse, New York 13221, U.S.A.
Inventors	:-	JUAN CARLOS CARNE CORREA - CHILEAN.
Kind of Application	:-	COMPLETE

194823

Application for Patent Number 3303/del/1997 filed on 18/11/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 02)

An improved grille for an air conditioner comprising :- a front section having vents formed therein for conducting the flow of air to the air intake opening and from the air discharge opening; – a skirt element attached to an extending rearwardly from the edges of said front section, on at least two opposite sides thereof to extend in confronting relation to at least two sides of the indoor section, each of said at least two skirt elements having at least one tranversely extending raised portion formed therein and one of said at least two opposite sides thereof having a transversely extending recess formed therein at a position corresponding to said raised section on one of said skirt elements when the grille structure is in place, and said other of said at least two sides of the indoor section having a flexible latch structure therein at a position corresponding to the raised section on the other of said skirt elements when the grille structure is in place, said raised elements being engageable in said recesses and said flexible element flexing to engage its corresponding raised section to thereby maintain the skirt elements and attached front section in its installed position.

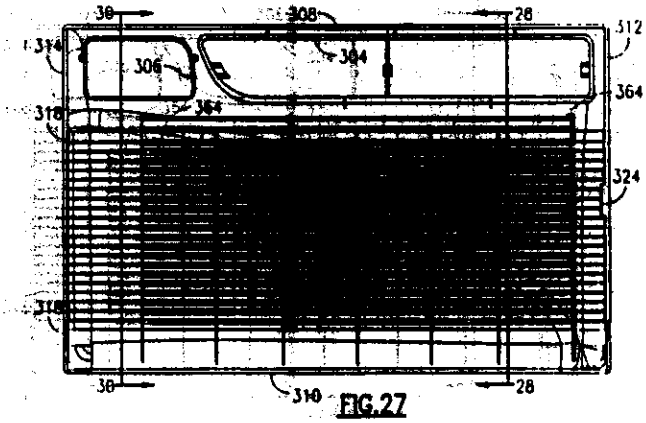

FIG.27

Complete Specification No of Pages 37 Drawing Sheets 30

Indian Classification 63 I **194824**

International Classification[7] G 05 F 1/67

Title :- "SYSTEM-INTERCONNECTED GENERATOR".

Applicant :- SANYO ELECTRIC CO. LIMITED of 2-5-5, Keihan-Hondori, Moriguchi-shi, Osaka, Japan.

Inventors :- KEIGO - ONIZUKA - JAPAN
MASAKI - MADENOKOUJI - JAPAN
HISASHI - TOKIZAKI - JAPAN

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 282/del/1997 filed on 03/02/1997

Convention No. 38537/1996/Japan/26/02/1996
Convention No. 183570/199/Japan/12/07/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch : 110 008.

(Claims 05)

A system-interconnected generator (10) having a power converter for converting solar energy to AC power and supplying the AC power to a system on a commercial AC power supply so as to make it possible to sell power to the system, said system-interconnected generator characterized by : - a storing section for stroring an integrated value of the AC power which has been converted from solar energy by said power converter; - a correcting section for subtracting a value of power, which is consumed by particular electric equipment receiving power supplied from said system, from the integrated value stored in said storing sectioin; and - a demanding section for enabling a demanding function of said electric equipment when the integrated value stored in said storing sectioin becomes smaller than any one of the plurality of predetermined value.

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Drawings Sheets 17

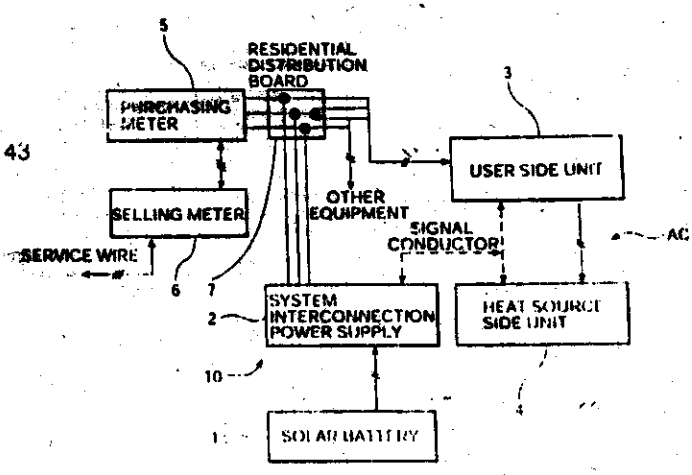


FIG. 1

194825

Indian Classification :- 173 B

International Classification[7] :- B 65 D 83/16, B 05 B 1/00, B 05 B 15/02, B 05 B 11/00, B 05 B 1/34

Title :- **"A NOZZLE DEVICE AND SPRAYING APPARATUS".**

Applicant :- INCRO LIMITED, of 35 Fairfield Rise, Wollaston, Stourbridge, West Midlands DY8 3PQ, United Kingdom.

Inventors :- KEVIN OSWALD LAIDLER - U.K.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 674/del/1996 filed on 27/03/1996

Convention No. 9507185.8/United Kingdon/06/04/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 11)

A nozzle device (10) comprising a hollow body (11) having a nozzle opening (19) to discharge fluid: the body (11) comprising a first part (14) having an inlet (12A) to admit pressurized fluid into the first part, and a second part (16); wherein the nozzle opening (19) and a feed passage (18) leading to the nozzle opening (19) meet at a junction and are defined between defining portions (17B) of surfaces (17) of the first and second parts; wherein the first part (14) is attached to the second part by an integral flexible hinge (27) which allows one of said parts (16) to swung away from the other (14) to separate and expose said surfaces (17) and defining portions (17B) entirely whilst the parts (14,16) remain connected by the hinge; wherein the parts (14,16) are at least partially separable to expose one end of the feed passage (18) and to wholly expose the nozzle opening (19) and the junction for cleaning; and wherein said surfaces (17) have flat parts which surround said defining portions (17B); characterized in that (a) said flat parts of said surfaces (17) abut at an interface (17A) which intersects or bounds the nozzle opening (19) and feed passage (18), (b) the flat parts of said surfaces (17) are disposed between said defining portions (17B) and sealing means (17D,40,41) comprising a recessed formation (17D,40) in respective ones of said surfaces (17); and in that (c) said projecting formation (41,17D) sealingly engages in the recessed formation (41,17D) to prevent egress of fluid across said interface (17A) when the surfaces (17) are held in abutment by resilient retaining means (40,41;51,52) as when in use, the pressurized fluid is discharges as a jet or spray solely through the nozzle (19).

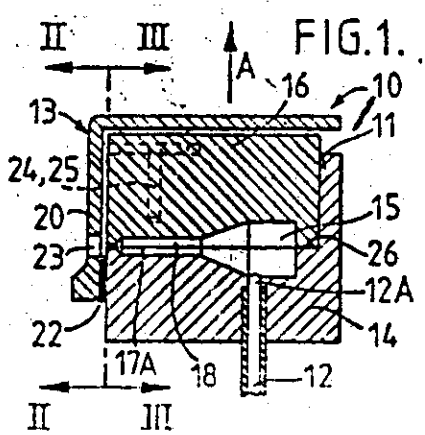


FIG.1.

Complete Specification No of Pages 23

Drawing Sheets 05

Indian Classification :- 53 B **194826**

International Classification[7] :- B 62 D 1/04

Title :- An Ergonomic hand wheel assembly for a hand brake system of a railway car.

Applicant :- Westinghouse Air Brake Co., of the State of Delaware, United States of America, of Air Brake Avenue, Wilmerding, Pennsylvania 15148, United States of America.

Inventors :- RUDI ERICH GEORGE USA

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 1294/del/1996 filed on 12/06/1996

Convention No 08/602492/United States of America/20/02/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 15)

The invention concerns an ergonomic hand wheel assembly for a hand brake system of railway car. said hand wheel is provided with a planetary gear system to provide a mechanical advantage to significantly reduce the effort and force required to turn the hand wheel. The planetary gear system has a sun gear rigidly interconnected to the hand wheel and a hub member rotatably interconnected to the hand wheel which is independently rotatable relative to the hand wheel. The hub member has socket at the axis for attaching the hub member to a rotatable drive member of a hand brake system on a railway car, as well as a plurality of planetary gears rotatably secured thereto to mesh with and engage the sun gear. A fixed ring gear attached to a structuralo element independent of the hand wheel and the hub member, encircles, meshed with and engages the planetary gears.

Complete Specification No of Pages 25

Drawings Sheets 10

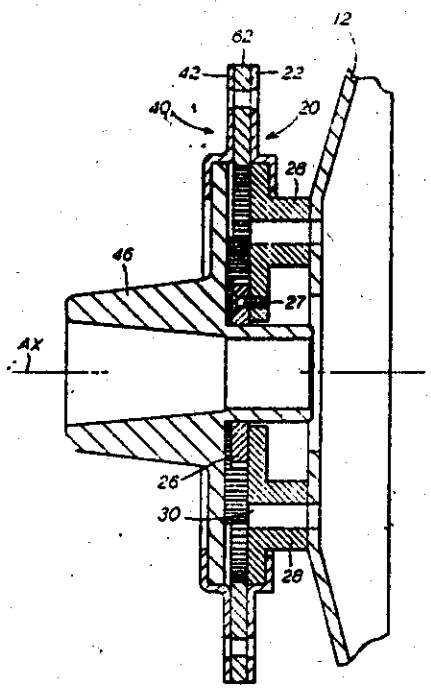


FIG. 3

Indian Classification :- 116 C

194827

International Classification[7] :- B65G 17/00

Title :- "Newel Guide for a Balustrade."

Applicant :- OTIS Elevator Company, a corporation organized under the laws of the state of New Jersey, USA, Ten Farm Springs, Farmington, Connecticut 06032, U.S.A.

Inventors :- JORG OSTERMEIR, GERMAN CITIZEN,
KNUTH - WALLBAUM, GERMAN CITIZEN,
BERNWARD - ENGELKE, GERMAN CITIZEN.

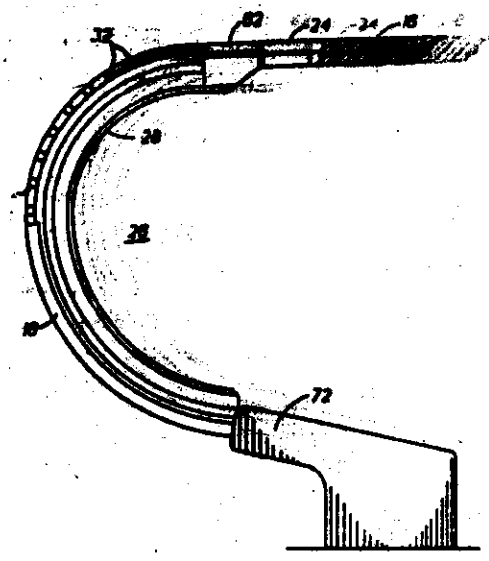
Kind of Application :- COMPLETE

Application for Patent Number 1501/Del/1996 filed on 08/07/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 6)

A newel guide (28) for a balustrade (18) of a passenger conveyor (12), the balustrade (18) extending along the length of the passenger conveyor (12) and having a newel (26), the newel guide (28) comprising: a plurality of rollers (32) that define an engagement surface for a handrail (16), each of the rollers (32) having a pin (58); and an integral body (34) characterized by means (36) to attach the newel guide (28) to the newel (26), the attachment means (36) having a slot (44) sized to fit over the newel (26) a deflecting surface (52); and means (42) to support the plurality of pins (58) for rotation of the plurality of rollers (32), said attachment means (36) comprises a slot sized to fit over the newel and a lip (46) extending into the cavity formed by the slot (44) such that an interference fit is produced between the attachment means (36) and the newel (26) to retain the newel guide (38) to the newel (26).



Complete Specification No of Pages 10

Drawings Sheets 2

Indian Classification :- 90 H 194838

International Classification :- C 03C 003/087, C 03C 003/095

Title :- " UNIVERSAL GLASS COMPOSITION PROCESS FOR THE PREPARATION THEREOF"

Applicant :- **SAMCOR GLASS LIMITED**, a company incorporated under the Companies Act, 1956, with registered office at Village Naya Nohra, Kota-Baran Road, Kota, Rajasthan, India and corporate office at 52, Community Centre, New Friends Colony, New Delhi-11 065, India.

Inventors :- SHANKAR PRASAD - INDIAN

PAWAN KUMAR SHUKLA – INDIAN

DEVENDER KUMAR - INDIAN

SANJIT SRIVASTAVA – INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 116/DEL/2002 filed on 15/02/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 18)

A universal composition useful for the manufacture of cathode ray and cathode display tubes, in avionics and radar applications, comprising SiO_2 in an amount of 45-70 %, Al_2O_3 in an amount of 0.01 to 10%, Na_2O in an amount of 0.01 to 10%, K_2O in an amount of 0.01 to 15%, MgO + CaO in an amount of 0.01 to 10%, PbO in an amount of 5-30%, Sb_2O_3 in an amount of 0.01 to 5%, FeO_2 in an amount of 0.01 to 1%, Co_3O_4 in an amount of 10-200 ppm and NiO in an amount of 100-400 ppm, all percentages being expressed in terms of weight, the balance if any comprising one or more conventional ingredients such as herein described.

Complete Specification No of Pages 21 Drawings Sheets 00

Indian Classification :- 62

194829

International Classification :- D 0G F 39/00

Title :- A Washing machine provided with a filtering device..

Applicant :- Samsung Electronics Co.Ltd., Korea.

Inventors :- Hong Doo-Ha Korean
Kim Jeom-Gap Korean

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 638/del/2002 filed on 14/06/2002

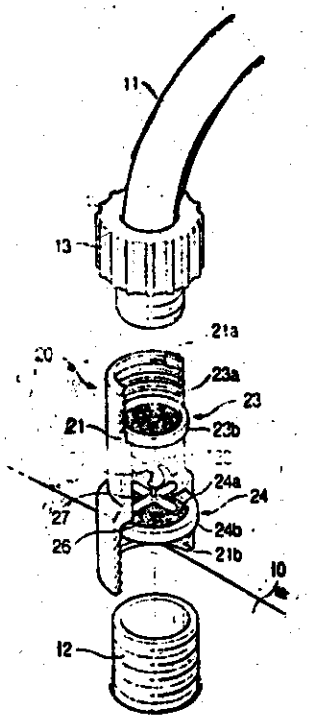
Convention No 2002-11325/Korea/04/03/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims : 8)

A washing machine, provided with a filtering device for removing impurities form water supplied from the outside into the cabinet of the washing machine, is disclosed. The filtering device consists of a body, which is made of a transparent material and is connected to the water inlet of the cabinet and an external water supply hose at noth ends therof, with a water flow path formed in the body. A first filter is sset in the inlet end of the body for primarily filtering water, and a second filter is set in the outlet end of the body for secondarily filtering the water. A bladed rotor is set in the flow path of the body such that the rotor is rotated by water flowing through the path. In this washing machine, the filtering device has an improved filtering effect, and allows a user to easily determine the proper time to clean the filters.

FIG- 3



Complete Specification No of Pages 10

Drawings Sheets 3

194830

Indian Classification	:-	190 B
International Classification[7]	:-	F 01 D 17/14
Title	:-	"VARIABLE GEOMETRY TURBINE"
Applicant	:-	HOLSET ENGINEERING CO. LTD., of St. Andrews Road, Huddersfield HD1 6RA, England.
Inventors	:-	JOHN - PARKER - ENGLAND
Kind of Application	:-	COMPLETE

Application for Patent Number 2940/del/1998 filed on 05/10/1998

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch 110 008

(Claims 09)

A variable geometry turbine comprising a housing (2), a turbine wheel (4) mounted to rotate about a pre-determined axis within the housing (2), a gas inlet passage (13) to the turbine defined between a fixed wall (7) and an annular sidewall (8,9) which is mounted in the housing (2) and is displaceable relative to the fixed wall (7) between axially spaced first and second positions, at least one spring (19,21,40) biasing the sidewall (8,9) away from the fixed wall (7) towards the first position, and pressure control device for applying an axial force to the sidewall (8,9) in opposition to the at least one spring (19,21,40) to control the axial position of the sidewall (8,9), characterised in that said at least one spring (19,21) has a non-linear length to spring force such that the resultant of the applied spring force and an axial force applied to the sidewall (8,9) as a result of gas flow through the passage increases continuously as the sidewall (8,9) is displaced from the first position to the second position.

Complete Specification No of Pages 13

Drawing Sheets 04

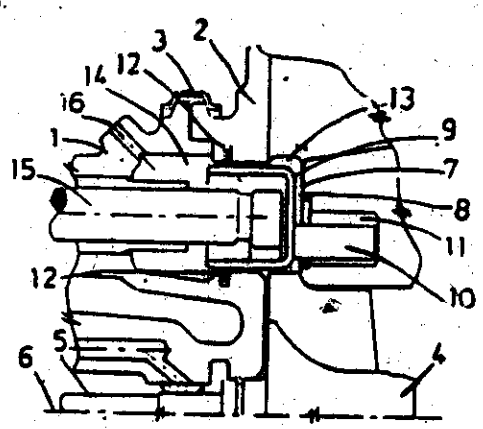


FIG. 1

Indian Classification	:-	206 E **194831**
International Classification[7]		H 03 D 3/00
Title	:-	"A DUAL SYNCHRONIZATION DEVICE OF MANUAL TRANSMISSION."
Applicant	:-	HYUNDAI MOTOR COMPANY, of 231, Yangjae-Dong, Seocho-ku, Seoul, Korea.
Inventors	:-	LEE JEONG KI - KOREA
Kind of Application	:-	COMPLETE/CONVENTION

Application for Patent Number 1140/del/2001 filed on 12/11/2001

Convention No. 2000-85851/Korea/29/12/2000

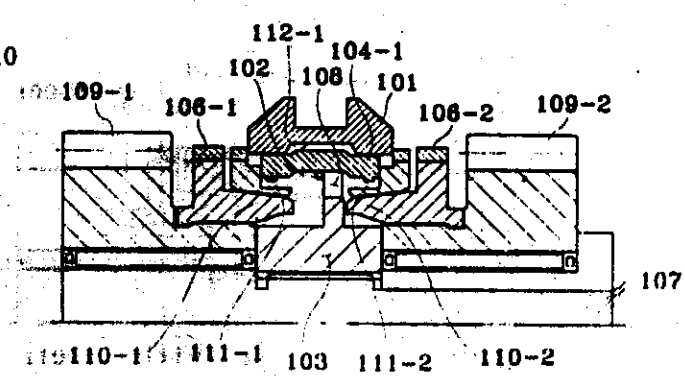
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 07)

A dual synchronization device of a manual transmission constructed with first and second key sets respectively having a plurality of keys that are apart at a predetermined degree of angle along the circumferential direction of a synchronizer ring, the first key set closely attaching the synchronizer ring to a clutch gear at the initiatioin of synchronization and the second key set pushing the synchronizer ring to that clutch gear after the completion of synchronization, thereby continuously maintaining the frictional force between the synchronizer ring and the clutch gear.

FIG.2

Complete Specification	No of Pages	10	
Drawings Sheets	04		



Indian Classification	:	32IX **194832**
International Classification[4]	:	C07C 67/128
Title	:	**"A PROCESS FOR THE PRODUCTION OF HIGHLY UNSATURATED COMPOUNDS".**
Applicant	:	**CHEMICAL RESEARCH & LICENSING COMPANY**, a corporation organized and existing under the laws of the State of Texas, United States of America of 10100 Bay Area Boulevard, Pasadena, Texas 77507, USA.
Inventors	:	**DENNIS HEARN-US** **ROBERT PAUL ARGANBRIGHT-US** **EDWARD MAURICE JONES-US** **LAWRENCE ALFRED SMITH-US** **GARY ROBERT GILDERT-GERMAN**
Kind of Application	:	COMPLETE/DIVISIONAL

Application for Patent Number 770/DEL/2002 filed on 25/07/2002.
Divided out of patent application No. **911/DEL/94** filed on **19/07/1994**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(16 Claims)

A process for the production of monolefins and alkanes comprising the steps of:

(a) feeding (1) a first stream comprising olefins and acetylenic hydrocarbon compounds and (2) a second stream containing hydrogen to a distillation column reactor into a feed zone;

(b) concurrently contacting said stream in a distillation reaction zone with a hydrogenation catalyst of the kind as herein described at a hydrogen partial pressure of from 0.1 psi to less than 50 psi at a temprature in the range of 40 to 300F thereby reacting essentially all of said di-olefins and acetylenic compounds with said hydrogen to form monolefins and alkanes in a reaction mixture, and

(c) separating the olefins contained in said first stream and any olefins produced by said hydrogenation from said reaction mixture by fractional distillation.

(Complete Specification 34 Pages Drawing 04 Sheets)

Indian Classification :- 32 A1

194833

International Classification[7] :- C09B 29/085

Title :- "A PROCESS FOR MAKING AN AZO PYRAZOLONE COMPOUND".

Applicant :- AVECIA LIMITED, of Hexagon Houlse, Blackley, Manchester, M9 8ZS, England.

Inventors :- ALAN PATRICK CHORLTON -BRITISH
JAMES - MASON -BRITISH

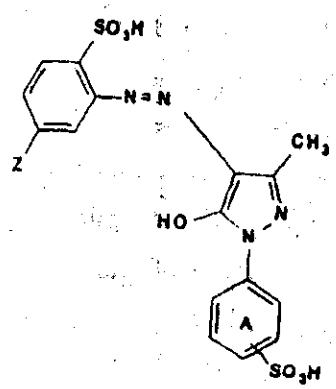
Kind of Application :- CONVENTION/COMPLETE

Application for Patent Number 2294/DEL/1995 filed on 12/12/1995
Convention date 20/01/1995; 9501088.0 ; UK

Appropriate office for opposition proceedings (Rule 4, Patents Rules. 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 09)

An azo pyrazolone compound of the formula:



Wherein Z represents a substituted selected from NO_2, SO_2R. CO_2R^1 in which R is a hydorcarbyl group, R^1 is an aryl group and the sulphonic acid group in ring A is in the 3-position relative to the pyrazolyl group, said compound being in the form of a salt.

Complete Specification No of Pages 11 Drawings Sheets 00

Indian Classification :- 32E , 144B. **194834**

International Classification[7] :- B29C 47/06 ; G03G 007/00 ; B32B 3/02 ; B05D 005/12.

Title :- "A TRANSPARENT FILM SUITABLE FOR ELECTROSTATIC PHOTOCOPYING, AND A PROCESS FOR PREPARING THE SAME".

Applicant :- RHONE-POULENC FILMS, a French body corporate of B.P. 140, Saint-Marurice de Beynost, 01701 Miribel, France.

Inventors :- JEAN - PIERRE ASSANTE -FRENCH
PHILIPPE CORSI -FRENCH
NICOLE PECATE-FRENCH
MICHEL PRISSETTE-FRENCH
JOEL RICHARD-FRENCH
DIDIER VEYRAT-FRENCH.

Kind of Application :- COMPLETE

Application for Patent Number 1766/DEL/1995 filed on 26/09/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 31)

A transparent film suitable for electrostatic photocopying, which comprises transparent polyester base (S) comprising on at least one of its faces a primer coating (P) for adhesion of toner to the polyester base, wherein the base (S) is a composite comprising:

a) a thick layer (A) of a semicrystalline polyester of the kind as herein described. and
b) on at least one of the faces of the thick layer (A), a thin layer(B) of polyester, which may be identical to or different form the polyester of layer (A), and wherein the primer coating (P) has a thickness of equal to or less than 0.3 μm and comprises an acrylic polymer of the kind as herein described which has a glass transition temperature of form 10°C to 50°C and free-C00H carboxylic functional group content of less than 50 millimoles per 100 grams of said acrylic polymer and optionally fillers may be present in the thin layer (s) B such that the film has a has. a haze (or cloudiness) of less than or equal to 7% and the thickness tA of the layer (A) is from 50 μm to 150 μm and the thickness tB of the layer (B) is equal to or less than μm

Complete Specification No of Pages 41 Drawings Sheets 00

Indian Classification	:	32 F 1	194835
International Classification[7]	:	C 02 F1/72, 1/76, 1/78	
Title	:	" A CONTINOUS PROCESS FOR THE PRODUCTION OF A TREATED AQUEOUS EFFLUENT "	
Applicant	:	JOHNSON MATTHEY PLC. a British company of 2-4 Cockspur Street, Trafalgar Square, London SW1Y BQ, United Kingdom,	
Inventors	:	FREDERICK ERNEST HANCOCK-UK	
Kind of Application	:	COMPLETE/CONVENTION	

Application for Patent Number 452/del/95 filed on 14.3.95.
CONVENTION APPLICATION NO. 9406117.3/UK/28.3.1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 005.

(7 Claims)

A continuous process for the production of a treated aqueous effluent, comprising adding a solution of hypochlorite to an aqueous effluent containing an oxidisable material such as herein described, the amount of added hypochlorite being 0.3 to 1.5 times the stoichiometric amount required for complete oxidation of the carbon and hydrogen in the oxidisable material to carbon dioxide and water respectively, and within 5 minutes of the addition of the hypochlorite solution , passing the mixture of the aqueous effluent and hypochlorite solution under alkaline conditions through a fixed bed of a particulate catalyst consisting of (i) 80-99% by weight of an inert porous support such as herein described, (ii) a total of at least 1% by weight of nickel oxide, copper oxide, a mixture of nickel and copper oxides, or a mixture of copper oxide and zinc oxide, to produce treated aqueous effluent.

(COMPLETE SPECIFICATION 11 PAGES DRAWING SHEET-NIL)

Indian Classification	:	B01 J 29/00 **194836**
International Classification[4]	:	56 B
Title	:	**"A PROCESS FOR THE PREPARATION OF NOVEL FLUID CATALYTIC CRACKING (FCC) CATALYST USING MODIFIED CRYSTALINE MOLECULAR SIEVE AND SILICA-ALUMINA MATRIX".**
Applicant	:	**COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).
Inventors	:	**RAGHUNATH PRASAD MEHROTRA** **SADANAND DATTATREYA PHATAK** **NIRMALYA RAY** **JAI KRISHNA GUPTA** **ANAND SINGH** **MOOL CHAND** **DAYAL SINGH RAWAT** **VIJAY SINGH DANGWAL** **SURENDRANATH SURESH** **UMA SHANKAR** **TURUGA SUNDARA RAMA PRASADA RAO** **ALL INDIAN.**
Kind of Application	:	COMPLETE

Application for Patent Number 742/DEL/1998 filed on **24/03/1998.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) **Patent Office Delhi Branch**, New Delhi – 110 008.

(07 Claims)

A process for the preparation of novel Fluid catalytic cracking (FCC) catalyst using modified crystalline molecular sieve especially Y type zeolite and silica-alumina matrix which comprises:

(i) preparing active silica-alumina matrix (sol) by mixing the calculated amount of sodium silicate and aluminium sulphate solutions so as to give silica-aluminium ratio of 80:20 at adjusted pH of 3.0,

(ii) treating the kaolin clay with N/10 hydrochloric acid at room temperature and washing the treated clay free of chloride ion and drying at 110°C,

(iii) preparing peptized alumina by known methods as herein described,

(iv) exchanging NaY to NH_4Y zeolite with an aqueous solution of ammonium salt such as NH_4NO_3, NH_4Cl, $(NH_4)_2SO_4$,

(v) hydrothermal treatment of NH_4Y zeolite in the presence of 100% steam in the temperature range of 380-750°C for the duration of 1 to 10 hours for achieving the level of dealumination in the range of 20-60%,

(vi) treating the said zeolite obtained in step (v) with mineral acids to obtain modified zeolite,

(vii) dispersing the slurry of modified zeolite, kaolin clay and peptized alumina obtained in steps (vi),(ii) and (iii) respectively in silica-alumina sol obtained in step (i) at controlled pH of 3.0,

(viii) allowing the catalyst slurry consisting of silica-alumina sol, zeolite, clay and peptized alumina to age for a period upto 16 Hrs to obtian gel,

(ix) filtering and washing the gel obtained in step (viii) with water, drying and calcining at a temperature in the range of 400 to 600°C,

(x) loading the said calcined product obtained in step (ix) by a rare earth salt solution as herein described by ion exchange to have 2-3 wt% rare earth metal,

(xi) drying the rare earth exchanged product obtained in step (x) for a period in the range of 2-4 hours at a temperature in the range of 80-150°C to obtain Fluid Catalytic Cracking (F.C.C) catalyst,

(xii) calcining the said catalyst at a temperature in the range of 400-600°C for a period of 2-3 hours and sieving to get 100-200 mesh size particles of catalyst.

(Complete Specification Pages 11 Drawing NIL Sheets)

Indian Classification :- 32 F2(b) **194837**

International Classification[7] :- A 61K 31/425

Title :- "A process for the preparation of substituted thiazolidinedione derivative"

Applicant :- Smithkline Beecham p.l.c, of New Horizons Court, Brentford, Middlesex TW8 9EP, England.

Inventors :- GILES ROBERT GORDON - BRITISH
LEWIS NORMAN JOHN - BRITISH
MOORE - STEPHEN - BRITISH
POOL COLIN RIPLEY - BRITISH
QUICK JOHN KIRBY - BRITISH
URQUHART - MICHAEL - BRITISH

Kind of Application :- COMPLETE/CONVENTION/DIVISIONAL

Application for Patent Number 100/del/2002 filed on 07/02/2002

Convention No. 9703310.4, 18/2/97
9703338.5, 18/2/97, 9703334.4, 18/2/97/ UK

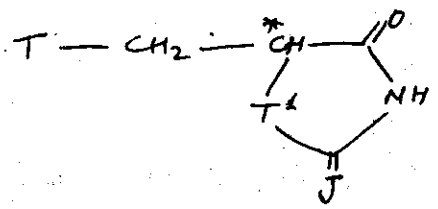
Divided out of Application for Patent Number 417/DEL/1998 filed on 18/02/1998

Anti Dated to 18/2/98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 7)

A process for the preparation of a substituted thiazolidinedione derivative of formula (I) having structural formula (I) :



[I]

or a tautomeric form thereof or pharmaceutically acceptable salt thereof or a pharmaceutically acceptable solvate thereof,

wherein:

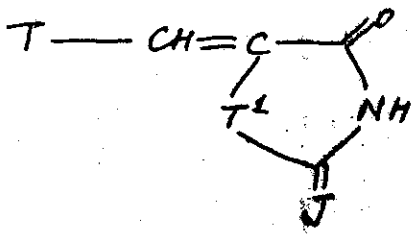
J is O;

T is selected from a group consisting of a substituted or unsubstituted aryl group and

T^1 is S;

and said process comprises following steps :

i) reducing a compound of formula (II) having structural formula (II) :



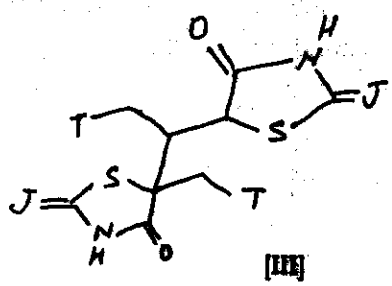
[II]

or a tautomeric form thereof or salt thereof or solvate thereof, wherein T, J and T^1 are as defined in relation to compound of formula-(I),

with a metal hydride reducing agent or its source, preferably borohydride reducing agents of the kind such as herein described,

at a low temperature, suitably below ambient temperature,

to result in a compound of formula (III) having structural formula (III):



[III]

ii) heating the resultant reduction product obtained in said step-i), suitably in a conventional solvent, at a temperature high enough to ensure conversion of resultant reduction product of compound of formula – (III) obtained in step-i) into a compound of formula – (I), which thereafter, is optionally converted in a conventional manner to its tautomeric form or pharmaceutically acceptable salt or a pharmaceutically acceptable solvate.

Indian Classification :- 174 G **194838**

International Classification[7] :- F 02 B 75/06

Title :- "TORSIONAL VIBRATION DAMPING UNIT IN THE DRIVING DEVICE OF A RECIPROCATING DIESEL ENGINE".

Applicant :- ZAKLADY MECHANICZNE PzI - WOLA SPOLKA AKCJYNA, of ul. Fort Wola 22 00 961, Warszawa, Poland.

Inventors :- OZDZENSKI JERZY – POLAND
OLENSKI STANISLAW – POLAND
KOLOMECKI JERZY - POLAND

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number IN/PCT/2002/01093/DEL Filed on 05/11/2002

Convention No. P. 340314/Poland/24/05/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 04)

A torsional vibration damping device in the driving apparatus of a reciprocating diesel engine containing auxiliary mechanisms and comprising vibration dampers associated with elements or mechanisms of the engine characterized in that : - a vibration damper (3) of the main shaft (4) is mounted on the shaft (4) close to the area of power take off (5), - an additional damper (6) is mounted simultaneously on the injection pump coupling (7), said additional damper mating with the vibration damper (3) of the main shaft (4), and - a gear oil pump (1) is provided with the gears having oblique teeth.

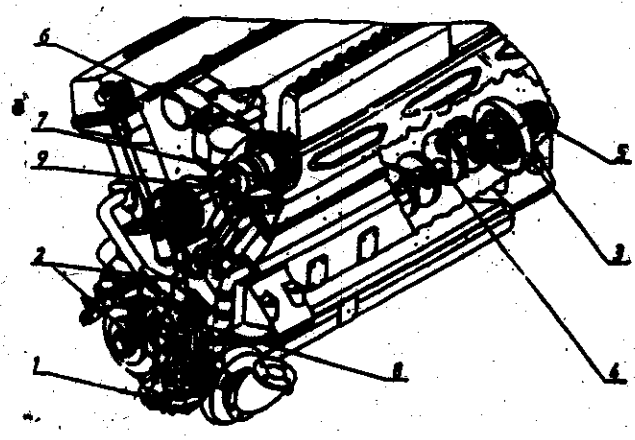


FIG. 1

Complete Specification No of pages 06

Drawing Sheets 01

Indian Classification :- 28 C

194839

International Classification :- F24H 1/20

Title :- "An improved tube-in-tube type high velocity gas burner."

Applicant :- Steel Authority of India Ltd. Research & Development Centre for Iron & Steel, a Govt. of India enterprise, having registered office at Ispat Bhavan, Lodhi Road, New Delhi-110003.

Inventors :- PRABHAS - KUMAR -INDIAN CITIZEN,
PRABHAT KUMAR DUBEY -INDIAN CITIZEN,
MUKTESHWAR - CHOUBEY -INDIAN CITIZEN,
DEBASISH - ZAMINDAR -INDIAN CITIZEN,
RAMANATH - NALLA -INDIAN CITIZEN.

Kind of Application :- COMPLETE

Application for Patent Number 1840/Del/1996 filed on 19/08/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 9)

An improved tube-in-tube type high velocity gas burner comprising an inner gas pipe (5) having a gas nozzle (2) and an outer air pipe (4) having an air nozzle (1), arranged to operate in an inter-dependent manner, such as herein described, characterised in that the outer air pipe is provided with an air ejector (6) having an ejector nozzle (7), and that the gas nozzle is provided with a flame stabilising disc or ring (3) fitted at the discharge end thereof.

Complete Specification No of Pages 9

Drawings Sheets 3

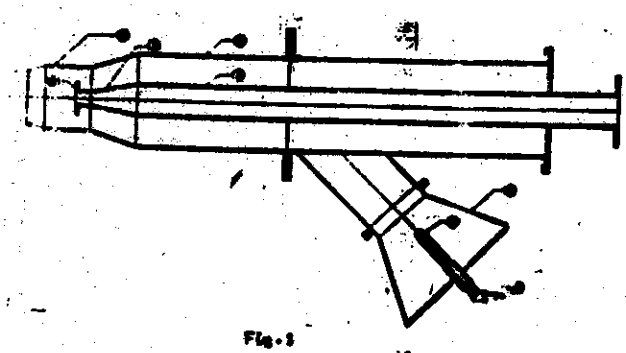


Fig.1

Indian Classification :- 70 B

194840

International Classification[7] :- C 25 B 13/00

Title :- "DIAPHRAGM ELEMENT FOR AN ELECTROLYTIC FILTER PRESS ASSEMBLY".

Applicant :- NORSK HYDRO a.s., a Norwegian company, of Bygdoy alle 2, N-0240 Oslo, Norway,

Inventors :- PIETRO - D'ERASMO - NORWEGIAN
ROGER MARENO LYSFJORD - NORWEGIAN

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 1337/del/1996 filed on 18/06/1996

Convention No. 952528/Norway/23/06/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 04)

Diaphragm elements for an electrolytic filter press assembly comprising anode and cathode compartments separated by diaphragms (12), said diaphragm elements comprising a frame (1), openings (8,9) for flow of gas and liquid, characterized in that the said frame (1) is rigid steel covered by a flexible, vulcanizable material (6) serving as electrical insulation and simultaneously sealing and integrated with fastening means (4) with openings (7) for bolts for securing the diaphragm (12) to the said frame (1).

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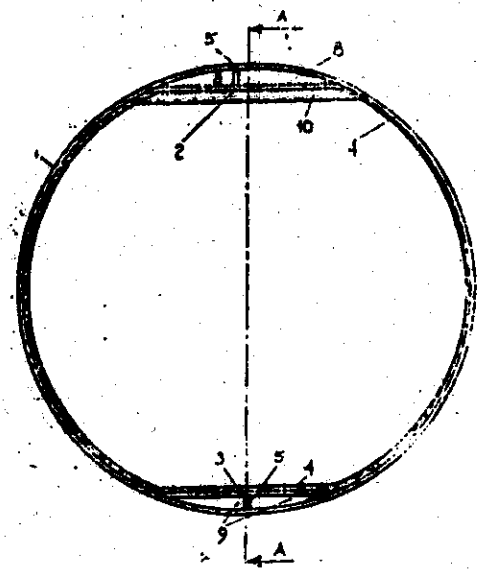
Drawings Sheets 02

FIG. 1



Indian Classification :- 131 A

194841

International Classification[7] :- E 21 D 15/44, E 21 D 19/00

Title :- "AN IMPROVED VERTICAL PROP FOR SUPPORTING MINE & TUNNEL ROOFS"

Applicant :- National Research Development Corporation Anusandhan Vikas, 20-22, Zamroodpur Community Centre, Kailash Colony Extension, New Delhi-110048

Inventors :- SIBNATH MAITY - INDIA
BHARAT BHUSHAN DHAR—INDIA.

Kind of Application :- COMPLETE

Application for Patent Number 1353/del/1996 filed on 20/06/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 02)

An improved vertical prop for supporting the mine & tunnel roofs, comprises two cylindrical steel tubes (2,9), bottom tube (2) having a smooth internal surface, provided with a plate (1) at bottom end of the tube for support on the mine floor, the other end of the tube (2) being open and having an extended rim around its top periphery, bottom tube (2) also being provided at its upper portion with two studs (3) placed dimetrically opposite to each other, tube (9) having an external diameter less than the internal diamenter of tube (2) such that it is capable of sliding inside tube (2) telescopically, tube (9) being provided with threads on its outer surface, tube (9) also being provided with crown (10) at its top end for supporting the mine/tunnel roof, tube (2) being provided on its upper rim with a clamp (5) having two halves of the clamp (5) being circular in shape, the other end of both halves of the hinged clamp (5) having elongated portion provided with locks (11,12) and wedge (6) for locking the clamp (5) around tube (9) by pins (4,13) said clamp being provided for opening the clamp (5) remotely through a rod with hook (22) and a handle (23), a platform (18) having locking member (19) being removably fixed on studs (3) of tube (2) for placing twin jacks (14), top tube (9) being provided with a threaded locknut (7) and a flat nut (8) above the locknut fitted onto the outer threads with help of its matching inside threads, a tube holder plate (20) having two halves with locking members (221) being provided for removably fixing on tube (9) under the flat nut (8), the tube holder (20) being provided with matching dimensions for accommodating the rams of the twin jacks (14), the twin jacks (14) having pressure gauge (16) and interconnecting rod (15) being connected with an in-built hydraulic pump (17).

Complete Specification No of Pages 14

Drawing Sheets 06

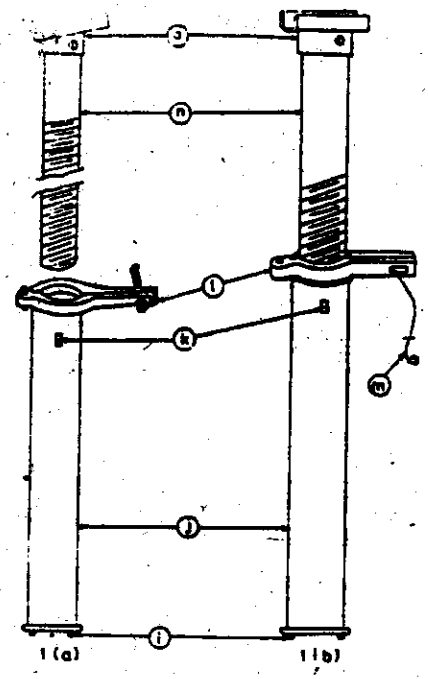


FIG. 1

Indian Classification	:-	55E 4 194842
International Classification[7]	:-	A 61 K 31/00
Title	:-	" A PROCESS FOR THE PREPARATION OF 4-(3-THIENYL)PHENYL-ALKANOIC ACID AND THEIR DERIVATIVES".
Applicant	:-	INDIAN DRUGS AND PHARAMCEUTICALS LIMITED , an Indian company of IDPL Complex , Dundaheer, Delhi-Gurgaon Road, Gurgaon 122016. India.
Inventors	:-	ASHOK KUMAR MARWAH -INDIAN GANTI SHANKAR RAO -INDIAN VENKATASUBRAMANIAN HARIHARA KRISHNAN -INDIAN GARIMELLA KRISHNA ANJANEYA SUBRAHMANY SAMBHO NARAYAN -INDIAN KOTHA KAPU VEMANA -INDIAN BHAGAT RAM -INDIAN CHEBOLU SRIKRISHNA -INDIAN
Kind of Application	:-	COMPLETE
Application for Patent Number		928/DEL/2000 filed on 12/10/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 09)

A process for the preparation of 4-(3-Thienyl) phenylalkanoic acid and their derivatives wherein process compriaes steps of:-

(a) reacting for 1-2 hours 2-chloro-4-(4-methyl-phenyl) thiophene with a brominating reagent selected from N-bromoimide, N-bromosuccinimide and Bromophthalimide, in a non-polar organic solvent in the presence of a free radical initiator to result in the formation of 4-(2-chloro-4-thienyl)benzyl bromide wherein said free radical iniatiator is selected from peroxides like di-benzyl peroxide and bisazo compounds like azobisisobutyronitrite taken in quantity 1-3% by weight and wherein said non-polar organic solvent is selected from unsubstituted aromatic hydrocarbons like benzene and halogenated hydrocarbons like carbon tetrachloride and wherein the said brominating reagent is taken in amount of one mole equivalent per mole of said thiophene compound;

(b) reacting the said benzyl bromide compound obtained by step (a) at a temperature of 40-60°C for 4-6 hours with aqueous solution of metal cyanide selected from calcium cyanide, sodium cyanide and ammonium cyanide, in the presence of a solubilising amount of a phase transfer catalyst in a biphasic solvent system to yield 4-(2-chloro-4-thienyl) benzyl cyanide wherein metal cyanide is taken in quantity 1.1 to 1.4 moles per mole of said benzyl bromide compound and wherein further said phase transfer catalyst is taken in quatity 0.005-0.1 mole per mole of said benzyl bromide compound and is selected from chlorides and bromides of ammonium, phosphonium and bisulphates such as benzyl triethyl ammonium chloride, tetra butyl ammonium bisulphate and corresponding phosphonium salts;

(c) alkylating said compound obtained by step (b) using dialkyl carbonates like dimethyl carbonate and triethyl carbonate and a catalyst, at a temperature of 170-230°C under 5-15 atmospheric pressure for 3 to 10 hours followed by filtration and distillation under reduced pressure to yield α- alkyl-4-(2-chloro-4-thienyl) benzyl cyanide wherein catalyst is selected from alkali metal carbonate like potassium carbonate and cesium carbonate which is taken in quantity 5-7 mole %,

(d) subjecting the said compound obtained by step (c) to hydrolyses by refluxing with alkali metal hydroxide in an alcoholic medium to obtain α-alkyl(2-chloro-4-thienyl) benzene acitic acid where in alcohol is selected from methanol, ethanol and propanol diluted with 5 to 20% (v/v) of water;

(e) subjecting the said compound obtained by step (d) to hydrogenration for 4-10 hours using catalytic amount of noble metal catalyst supported on an activated charcoal to form α-alkyl-4-(3-thienyl) benzene acetic acid wherein said noble metal catalyst is taken in amount 1-5% by weight of starting material;

(f) converting the said compound obtained by step (e) into the corresponding ester by treatment with 5-15 times in excess of a lower alcohol and an acid catalyst followed by purification by dissolving in aqueous bicarbonate solution, treatment with activated charcoal, acidification and crystallization using an organic solvent obtaining the desired compound wherein organic solvent is selected from halogenated hydrocarbons like dichloromethane, dichloroethane and lower aliphatic esters like ethyl acetate diluted with non-polar hydrocarbons like cyclo-hexane or various fractions of petroleum ether;

Complete Specification	No of Pages	26	Drawings Sheets	00

Indian Classification - 62

194843

International Classification[7] :- D 06 F 39/00

Title :- Filtering Device of A Washing Machine.

Applicant :- SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-Dong, Paldal-Gu, Suwon-City, Kyugki-Do, Republic of Korea

Inventors :- Hong Doo-Ha Korean
Kim Jeom-Gap Korean

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 637/del/2002 filed on **14-6-2002**

Convention No. 11325/Korea/ 4-3-2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 8)

A filtering device (20) of a washing machine for removing impurities from water supplied from the outside into a cabinet (10) of the washing machine, wherein said filtering device (20) comprises: a body (21) connected to a water inlet (12) of said cabinet (10) and an external water supply hose (11) at both ends thereof, and having a water flow path (22) therein, with a filter setting hole (23) formed on an external surface of said body so as to communicate with the water flow path (22); and a first filter (30) detachably set in said filter setting hole so as to reach the water flow path (22).

FIG. 2

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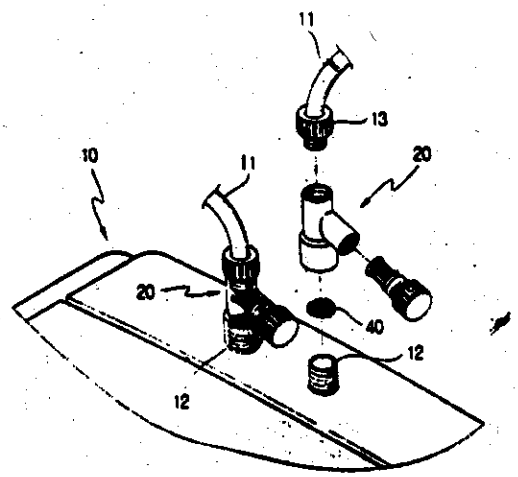
Drawings Sheets 3



194844

Indian Classification :- 134B

International Classification[7] :- F 16H 61/02, 59/46

Title :- "Method of controlling a progressive change from an old Transmission Ratio to at least one new Transmission Ratio and a Transmission Device Thereof"

Applicant :- Antonov Automotive technologies B.V.of Weena 290, NL-3012 NJ Rotterdam, Netherlands.

Inventors :- ROUMEN - ANTONOV - FRENCH

Kind of Application :- COMPLETE/CONVENTION

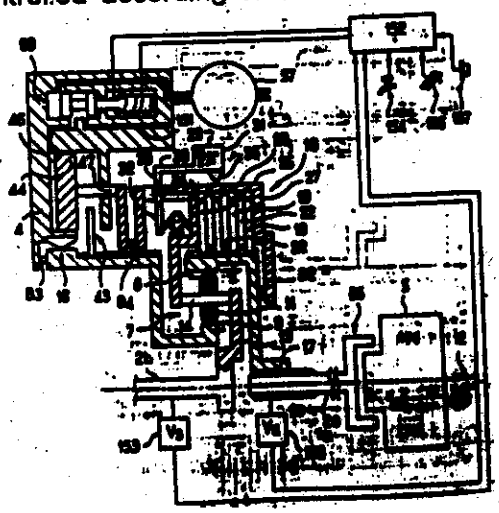
Application for Patent Number 1785/del/1996 filed on 13/08/1996

Convention No. 9510037/France/24/08/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 28)

Method of controlling the progressive change from an old transmission ratio to a new transmission ratio in a transmission device offering at least two transmission ratio, a method in which an actuator (44,46;A1) is controlled which actuates a selective coupling means (18, 118) of the transmission device, characterized in that after initiation of the ratio change process, there is detected at least one physical magnitude (Ve/Vs) which is influenced by the progressive transmission ratio change process, and the actuator (44,46; A1) is controlled according to the detected value of the physical magnitude.



Complete Specification No of Pages 30 Drawings Sheets 4

Indian Classification	:-	143 D1
International Classification[7]	:-	B 31D 3/04
Title	:-	" A PACKAGE FOR STORAGE AND DISPENSING OF MEDICAL DEVICES UNDER STERILE CONDITIONS."
Applicant	:-	SUJOY KUMAR GUHA, Centre for Biomedical Engineering, Indian Institute of Technology, New Delhi-110 016, India.
Inventors	:-	SUJOY KUMAR GUHA – INDIAN
Kind of Application	:-	COMPLETE
Application for Patent Number		321/DEL/1996 filed on 19/02/1996

194845

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 04)

A package for storage and dispensing of medical devices under sterile conditions comprising of: an outer envelope (B) comprising of two sheets of a transparent polymeric material preferably polypropylene heat sealed along all the four edges (B1), an inner envelope (E) comprising of two sheets of a transparent polymeric material preferably polypropylene heat sealed along three edges (E1), characterised in that: the said outer envelope (B) is provided with a V-shaped notch (C) on one of its sides, the said inner envelope (E) is provided with peelable sealing means (G) on its fourth edge and is disposed within the said outer envelope (B); the said inner envelope adapted to store a medical device therein.

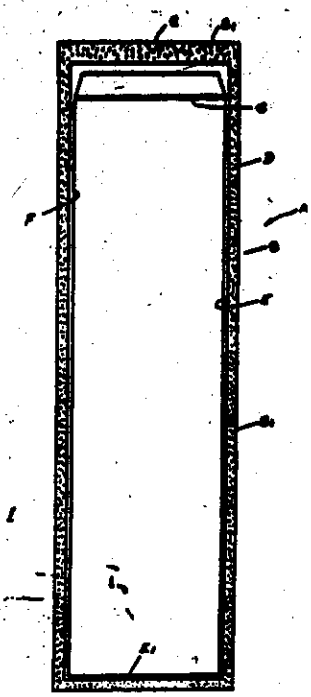


Fig. 1

Complete Specification No of Pages 07

Drawings Sheet 01

Indian Classification	:	172 XX	**194846**
International Classification[4]	:	D01F 006/00	
Title	:	**"A PROCESS FOR PREPARATION OF DYEABLE ACRYLIC FIBRES".**	
Applicant	:	**INDIAN INSTITUTE OF TECHNOLOGY,** an Indian Institute of Hauz Khas, New Delhi-110016, INDIA.	
Inventors	:	**ANANDA KUMAR MUKERJEE** **RAJAGOPALAN VARADARAJAN** **SANTAM BHATTACHARYA-ALL I NDIAN**	
Kind of Application	:	COMPLETE	

Application for Patent Number **68/DEL/1996** filed on **11/01/1996**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

A process for preparation of dyeable acrylic fibres comprises the step of:

(a) dipping the acrylic fibres in a base liquor selected from NaOH, Li OH, Ca $(OH)_2$ NH_4 OH, pyridin or a combination thereof in the ratio of 1:15 to 1:240 in flask at a temperature of 5 to 60^0C for a period of 4 to 18 hours under constant stirring in the presence of an inert atmosphere such as Nitrogen gas; an additive such as potassium persulphate being added drop by drop to the said base liquor for 1 to 6 hours;

(b) taking out the said fibres treated by step(a), squeezing or centrifuging the said fibres to drain out the base liquor and washing the said fibres with an alcohol or ketone selected from ethanol, methanol, isopropanol, acetone or methyl, ethyl ketone;

(c) drying the fibre obtained from step(b) in the air to obtain the dyeable arylic fibres.

(Complete Specification Pages 08 Drawing NIL Sheet)

Indian Classification :- 152 B

194847

International Classification[7] :- C 08L 95/00

Title :- "AN IMPROVED BITUMINOUS COMPOSITION".

Applicant :- SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., of Carel van Bylandtlaan 30, 2596 HR, The Hague, the Netherlands.

Inventors :- JAN KORENSTRA – NETHERLANDS
WILLEM CORNELIS VONK – NETHERLANDS
JEROEN VAN WESTRENEN – NETHERLANDS.

Kind of Application :- COMPLETE

Application for Patent Number 1768/DEL/1996 filed on 09/08/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 5)

An improved bituminous composition comprising:

(a) from 1 to 10% by weight, based on the total bituminous composition, a block copolymer composition which comprises at least one block copolymer selected from the group consisting of linear triblock copolymers, multi-armed block copolymers, and diblock copolymers, which block copolymers comprise one or more block of a monovinylaromatic hydrocarbon (A) and one or more block of a conjugated diene (B), wherein the block copolymer composition has a vinyl content of from 35 to 65% by weight, based on the total diene content, and 25 wt% or less of any diblock copolymer (AB) present, of the kind such as herein described, has an apparent molecular weight in the range of from 60,000 to 100,000, as measured with gel permeation chromatography using polystyrene calibration standards (ASTM D3536): and

(b) remaining a bitumen as herein described.

Complete Specification No of Pages 15 Drawings Sheets NIL

Indian Classification :- 5 D 194848

International Classification[7] :- F 16 39/00

Title :- A HYDROSTATIC DRIVE FOR PEDESTRIAN CONTROLLED VEHICLES.

Applicant :- Concentric Pumps Limited, a British Company of Unit 10, Gravelly Industrial Park, Erdington, Birmingham B24 8HW, England.

Inventors :- STEPHEN MARK HODGE

Kind of Application :- COMPLETE

Application for Patent Number 1279/del/1996 filed on 11/06/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 4)

A hydrostatic drive for pedestrian controlled vehicles comprising a gerotor pump supplying hydraulic fluid to a motor, in which the gerotor pump has an annulus (60) and a male lobed rotor (64,66) engaging one another, characterised in that, the male lobed rotor(64,66) being axially split into two separate parts (64,66) of unequal length, and means (78,80,82,84) are provided for angularly one part relative to the other.

Complete Specification No of Pages 9

Drawings Sheets 6

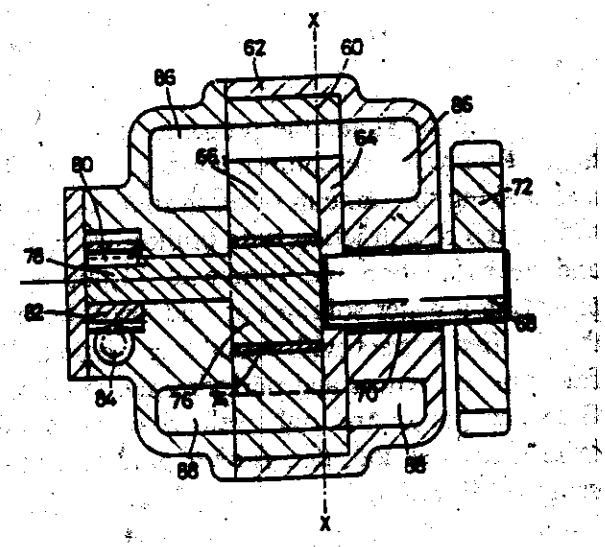


Fig. 6

Indian Classification	:	55 E_4	194849
International Classification[4]	:	A 61 K 31/00.	
Title	:	**"A PROCESS FOR THE PREPARATION OF AN ANTIDIABETIC SUBSTANCE FROM THE BARK OF BANYAN TREE".**	
Applicant	:	**NATIONAL RESEARCH DEVELOPMENT CORPORATION** (A Government of India Enterprise) of 20-22, Zamroodpur Community Centre, Kailash colony Extension, New Delhi-110 048.	
Inventors	:	**POTHAPRAGADA SURYANARAYAN MURTHY RIMI SHUKLA K. MADHAVA PRABHU-ALL INDIAN.**	
Kind of Application	:	PROVISIONAL/COMPLETE.	

Application for Patent Number **982/DEL/1997** filed on **15/04/1997.**
Complete left after Provisional specification filed on **01/05/1998.**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

A process for the preparation of an antidiabetic substance as herein described from the bark of banyan tree comprising cutting and cleaning banyan tree bark, drying said cleaned bark and soaking the same in water at room temperature for 8 to 12 hours, subjecting said soaked bark to the step of extraction with boiling water for a period of 40 to 60 minutes filtering said extract and centrifugation the filtrate at 11,000 ± 1000 rpm, concentrating said extract to dryness, preparing a water solution of said dry substance and purifying the same by gel filtration, eluting the purified extract with water to get light yellow and reddish yellow fractions, evaporating said fractions to dryness and purifying the same by thin layer chromatography (TLC) using silica gel G to get orange and light yellow active fractions, extracting said fractions with boiling water from silica gel and then further purifying said extract by high pressure liquid chromatography using gel filtration.

(Provisional specification 04 Pages Drawing NIL Sheet)

(Complete Specification 09 Pages Drawing NIL Sheet)

Indian Classification	:	50 D 194856
International Classification[7]	:	F 25 D 23/06
Title	:	"Device for and Method of Bending an Iron Plate for Outer Case of Refrigerator"
Applicant	:	SAMSUNG ELECTRONICS CO. LTD of 416, Maetan-Dong, Paldal-Gu, Suwon-City, Kyungki-Do,Korea,a Company of Republic of Korea.
Inventors	:	JAE HOON LIM- Korean, NAM-SOO HWANG- Korean.
Kind of Application	:	CONVENTION/COMPLETE

Application for Patent Number 2234/del/1997 Filed on 11/8/97.

CONVENTION APPLICATION NO. 96-33985/KR/16.08.96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(5 Claims)

A device for bending an iron plate (100) of an outer case of a refrigerator the device comprises:

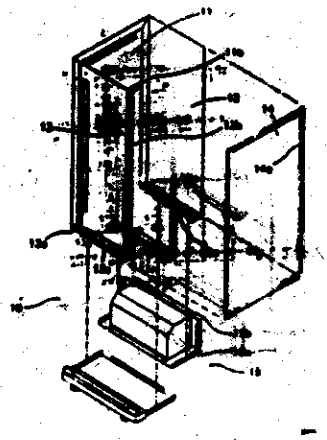
a base (110) supporting the iron plate (100) having coupling portions (12a, 13a) in the front and rear ends thereof;

a pair of clamps (120) provided over the base (110) as elevation means having a plurality of dies (121 and 122) positioned in the direction of the width of the iron plate (100) and apart from each other at a predetermined distance characterized in that;

adjusting means such as herein described for adjusting the width of the clamps (120) to correspond to that of the iron plate (100) by varying the positioning of the dies (121 and 122)and

a pair of benders (130) rotatably provided in the lower part of the iron plate (100) opposing the clamps (120) and bending both sides of the iron plate (100) using the clamps (120) as inscription point.

FIG. 1



(COMPLETE SPECIFICATION 13 PAGES DRAWING SHEET-13)

Indian Classification :- 32F 3(c) **194851**

International Classification[7] :- C07C 31/08 ; C07C 31/22

Title :- "A PROCESS FOR PRODUCING POLYOLS FORM SACCHARIDES SUCH AS SUCROSE, GLUCOSE, CANE JUICE OR CORN SYRUP USING (Ni, Mo, & Cu)/KIESELGUHR CATALYST".

Applicant :- SECRETARY, DEPARTMENT OF SCIENCE & TECHNOLOGY, Government of Indian, Technology Bhavan, New Mehrauli Road, New Delhi- 110 0016, INDIA

Inventors :- DR. SHEELENDRA RAI VIDYARTHI -INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 2022/DEL/1997 filed on 21/07/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 10).

A process of producing polyols from saccharides such as sucrose, glucose, cane juice or corn syrup comprising
-reacting aqueous solution of saccharide of concentration of 10-50% by wt. with hydrogen gas at 15-50 atm. pressure and 130-170^{0}C in the presence of (Ni, Mo & Cu)/ kieselguhr in a reactor
-agitating the said reaction mixture at 400-1200 rpm, and
optionally adding 0.25%-9% by sucrose wt $Ca(OH)_2$ or 2% -13.5% by sucrose wt. n-butylamine or 1.5%-9% by sucrose wt.ferric chloride or a mixture of n-butylamine and ferric chloride to increase the yield of polyols.

Complete Specification No of Pages 06 Drawings Sheets 00

Indian Classification	:-	132 D **194852**
International Classification[7]	:-	B 01 F 5/06
Title	:-	"A MIXER CONNECTED IN A TUBE".
Applicant	:-	SULZER CHEMTECH AG, of Hegifeldstrasse 10, CH-8404 Winterthur, Switzerland,
Inventors	:-	FELIX STREIFF - SWITZERLAND
Kind of Application	:-	COMPLETE
Application for Patent Number		909/del/1996 filed on 26/04/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 18)

A mixer connected in a tube (10) with at least one mixing element (1,1') which comprises two axial sections (1a, 1b), werein at least one separating flange (2,2') is associated with each section and subdivides the section, the separating flanges of the two sectioins cross one another, the tube cross section is divided into subareas by the separating flanges, and open subareas as well as such covered by defiection plates (3,3') are provided at the boundary (3a,3a') between the sectioins and exactly one open subarea (4,4') is connected on both sides of each separating flange.

Fig.1

Complete Specification No of Pages 14

Drawing Sheets 03

Indian Classification :- 85

194853

International Classification[7] :- C 21B 13/00, C 21C 5/02

Title :- "AN IMPROVED GUNNING COMPOSITION/MASS FOR HOT REPAIR OF WORN-OUT LINING OF BASIC OXYGEN FURNACES AND A PROCESS FOR PREPARING THE SAME"

Applicant :- STEEL AUTHORITY OF INDIA LTD., RESEARCH & DEVELOPMENT CENTRE FOR IRON AND STEEL, A GOVT. OF INDIA ENTERPRISES, AT ISPAT BHAWAN, LODHI ROAD, NEW DELHI – 110 003.

Inventors :- ANUP KUMAR BHATTACHARYA – INDIAN
SWAPAN KUMAR GARAI – INDIAN
AJAY KUMAR BHATTACHARYA - INDIAN
AJAY KUMAR DASGUPTA – INDIAN.

Kind of Application :- COMPLETE

Application for Patent Number 1497/DEL/95 filed on 09/08/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 3)

An improved gunning composition/mass for hot repair of worn-out lining of basic oxygen furnaces, which is capable of being bonded to the furnace wall more strongly compared with the existing gunning composition/mass and thereby extending the compaign life of the said furnaces, characterised in that said composition/mass comprises (by % weight): MgO – 82.0, hydrated CaO-9.0, SiO_2-2.5 (max) and magnesium phosphate, hexameta-phosphate and bentonite-6.5; the granular ingredients being of granule size 0-3 mm.

Complete Specification No of Pages 9 Drawings Sheets NIL

Indian Classification :- 33D **194854**

International Classification[7] :- B 29 C 49/28. B 65 G 35/08

Title :- A Blow molding apparatus.

Applicant :- Nissel Asb Machine Co., Ltd. a Japanese Corporation of 4586-3 Koo, Komoro-shi.Nagano-ken, Japan

Inventors :- Shuichi Ogihara Japan

Kind of Application :- COMPLETE

Application for Patent Number 2310/del/1995 filed on 13/12/1995

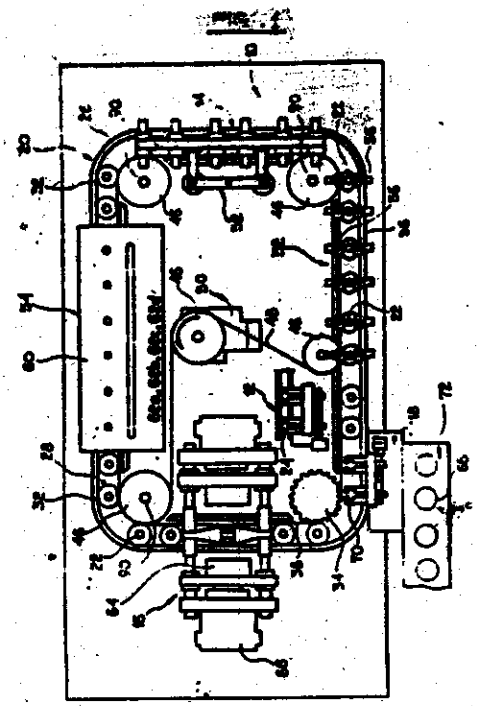
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 13)

The invention concerns a blow molding apparatus for eating and subsequently blow molding synthetic resin preforms, comprising: a preform supply section (12) for receiving and transferring preforms (22); preform heating sections (14) for heating the preforms (22) received from the said preform supply section (12) up to a blow molding temperature; a blow molding secion (16) for blow molding the preforms (22) heated in said preform heating sections (14) into final products (68); a product removing section (18) for removing the blow molded products (68); and a conveying section (20) for sequentially conveying the preforms (22) and the products (68) to said preform heating, blow molding and product removing sections (14, 16, 18); wherein, said conveying section (20) has a substantially rectangular conveying path; and wherein said blow molding section (16) is disposed on a shorer side of said conveeying path; and characterised in that there are provided at least three preform heaing sections (14); that at least one preform heating section (14) is disposed on each of the remaining three sides of said conveying path and that a rotating chain (48) is provided for rotating the preforms (22) which extends along the three sides of said conveying path on which said preform heating sections (14) are disposed.

Complete Specification No of Pages 31

Drawings Sheets 9



Indian Classification	:-	128 A
International Classification[7]	:-	A61 K
Title	:-	"A DISPOSABLE SURGICAL OPTHALMIC DRAPE."
Applicant	:-	GHANSHYAM DAS AGARWAL, an Indian National of Post Box No. 50, Near Hathoda Crossing, Shahjahanpur-242001, India.
Inventors	:-	GHANSHYAM DAS AGARWAL - INDIAN CITIZEN.
Kind of Application	:-	COMPLETE

194855

Application for Patent Number 2014/Del/1995 filed on 01/11/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 3)

A disposable surgical opthalmic drape comprising a sheet (1) of any disposable flexible material selected from polyethylene or polyvinychloride having a window (2) characterized in that: a sheet (4) of semi-rigid material comprising paper is pasted with an adhesive to the said sheet (1) at a distinct of 1-8 cm from the said window, the said sheet (4) being capable of being creased conforming to the bridge of the nose of patient to form an air channel.

Complete Specification No of Pages 6

Drawings Sheets 1

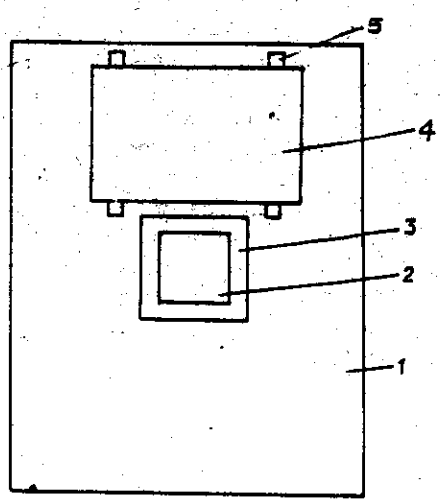


Fig. 1

Indian Classification :- 32 F1 **194856**

International Classification[7] :- C 07C 017/08

Title :- " PROCESS FOR THE MANUFACTURE OF 1,1,1,3,3-PENTAFLUOROPROPANE."

Applicant :- **ALLIEDSIGNAL INC.**, a corporation organised under the laws of the State of Delaware, United States of America, of 101 Columbia Road, P.O. Box 2245, Morristown, New Jersey 07962-2245, USA

Inventors :- MICHAEL VANDERPUY – USA
ALAGAPPAN THENAPPAN - USA

Kind of Application :- COMPLETE – CONVENTION

Application for Patent Number 1222/DEL/1995 filed on 30/06/1995
Convention Date 11/07/94/US/08/273,553

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 08)

A process for the manufacture of 1,1,1,3-3-pentafluropropane which comprises: a) reacting a compound of formula : $CF_YCl_{3-Y}CH_2CHF_wCl_{2-w}$ wherein w = 0 or 1, and Y = 0-3, provided that $CF_YCl_{3-Y}CH_2CHF_wCl_{2-w}$ is not $CF_3CH_2CHCl_2$ or CF_2ClCH_2CHClF; with hydrogen fluoride in the presence of a fluorination catalyst of the kind such as herein described under a temperature of 50^0 to 175^0C to produce a compound of the formula $CF_3CH_2CF_2H$.

Complete Specification No of Pages 13 Drawings Sheet 00

Indian Classification - 20 B

194857

International Classification[7] :- H 04 N 1/417

Title :- "IMAGE INFORMATION ENCODING/DECODING SYSTEM".

Applicant :- KABUSHIKI KAISHA TOSHIBA, at 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan.

Inventors :- SHINICHI - KIKUCHI - JAPAN
TETSUYA - KITAMURA - JAPAN
HIDEKI - MIMURA - JAPAN
KAZUHIKO - TAIRA - JAPAN

Kind of Application :- COMPLETE

Application for Patent Number 2416/del/1995 filed on 26/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 13)

An information recording medium for recording a body of information which is defined by a plurality of pixel data, wherein each unit of pixel data is defined by a predetermined number of bits, and wherein a data block containing a continuous patter of pixel data is compressed as a compression unit, the information recording medium storing : a compressed unit data block which comprises a coding header corresponding to a continuing number of same pixel data in the data block, a number of pixels followed portion indicating number of continuous pixel data included in the data block, a data portion indicating the pattern of the continuous pixcel data in the data block.

Complete Specification No of Pages 101

Drawings Sheets 25

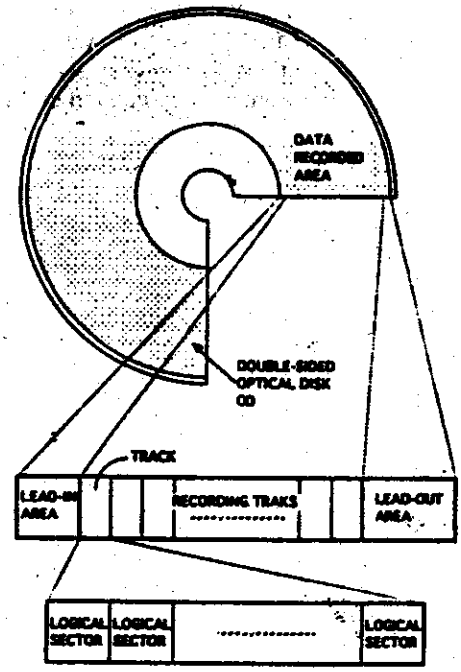


FIG. 1

194858

Indian Classification - 150G

International Classification[7] - B 21 C 37/29, B 21 D 19/00

Title - Method and apparatus for correcting the roundness of diametrical dimension and finishing collar of branch neck in a pipe.

Applicant - Efes Tex AG. Switzerland.

Inventors - LEO LARIKKA FINNISH

Kind of Application - COMPLETE/CONVENTION

Application for Patent Number 51/del/2003 filed on 21/01/2003

Convention No. 01 660232.8/EP/04/02/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 9)

The invention relates to a method and an apparatus for bending the rims of a hole for a hole-enclosing collar or neck. The collar is produced by means of a forming die (3) adapted for substantially radial movement from inside the pipe outwards. A calibration mandrel (11) is pressed by means of an external drive unit from outside inwards into a collar established by the forming die (3). The calibration mandrel stretches the collar to match its own size and rectifies the undersized transverse dimension and the oversized lengthwise dimension of the forming die. Upon its penetration into the collar, the calibration mandrel (11) pushes the forming die (3) back to its initial position for a new collaring operation.

Complete Specification No of Pages 10

Drawings Sheets 5

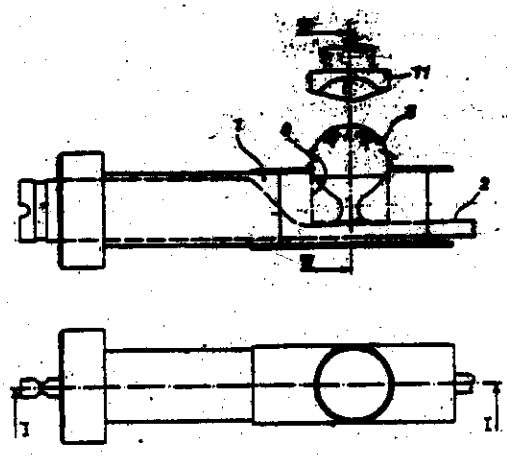


Fig.1

Indian Classification :- 136 E

194859

International Classification[7] :- G 01 N 21/27

Title :- Plastic identifying apparatus and plastic identifying method.

Applicant :- Matsushita Eco Technology Center, Co. Ltd., 50, Saho Yashiro-cho, Katon-gun Hyogo 673-1447,Japan.

Inventors :- Hiroshi Iwamoto Japan
Takao Hisazumi Japan
Yuji Maniwa Japan

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 01057/delnp/2003 filed on 07/07/2003

Convention No. 2001-33044/Japan/ 29/10/01

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 24)

A plastic identifying apparatus comprising: (a) a sampling unit that samples a test piece from an item that contains plastic; (b) an indentifying unit provided with a detection unit that identifies a type of plastic contained in the test piece by detecting the intensity of the infrared light reflected by the test piece; (c) a supply unit that supplies the test piece from the sampling unit to the detection unit.

Complete Specification No of Pages 21

Drawings Sheets 13

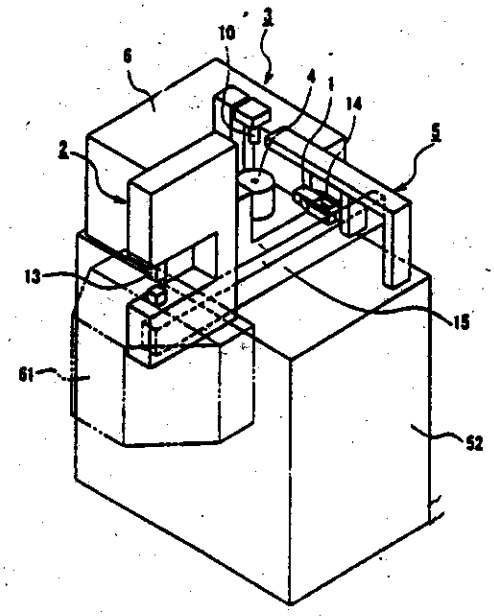


FIG. 1

Indian Classification :- 129 G **194860**

International Classification[7] :- B 26 D 7/26

Title :- A DEVICE AND METHOD FOR ADJUSTING A CUTTING GAP BETWEEN A ROTOR.

Applicant :- RIETER AUTOMATIK GMBH, a German corporation, of Ostring 19, 63762 Grossostheim, Germany.

Inventors :- HARWARTH GEORG GERMANY
MULLER HORST GERMANY
SCHULER MICHAEL GERMANY

Kind of Application :- COMPLETE

Application for Patent Number in/pct/2001/00233/del filed on 20/03/2001

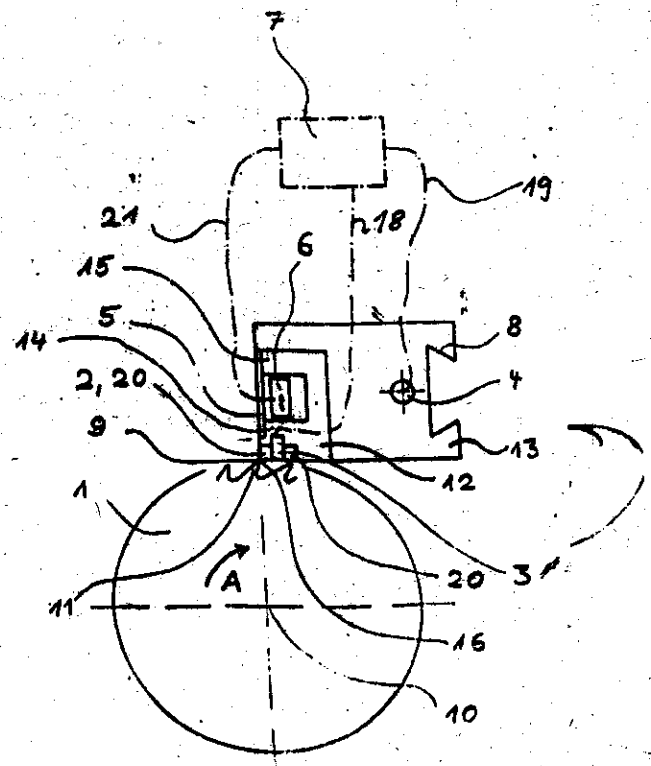
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 17)

A device for setting the cutting gap between a rotor (1), having cutting blades (11) and rotatable about its rotor axis (10) and a counter-blade body (12), which carries a cutting edge (9), can be fixed in position and can be set relative to the cutting blades (11) of the rotor (1) for optimizing the gap by adjusting means acting radially relative to the rotor axis (10), the counter blade body (12) having a U-shaped profile, with a first leg (14)which forms the cutting edge (9) and a second leg (15) which supports the counter-blade body (12) apart are disposed between the legs (14, 15) of the U-profile-shaped counter-blade body (12), the pressure elements (6) being fixed to the inside of the second or first leg and being disposed so as to press against the inside of the first or second leg.

Complete Specification No of Pages 15

Drawings Sheets 2



Indian Classification	:	134 C **194861**
International Classification[7]	:	B 62 D
Title	:	"LIQUID PRESSURE TRANSFER PRINTING METHOD FOR STEERING WHEEL RIM OF AUTOMOBILE".
Applicant	:	Youn-soo Cho of 504-201, Hyojachon, 301, Seohyeon dong, Bundang-gu Seongnam-city, Kyungki-do, Republic of Korea, a citizen of Republic of Korea.
Inventors	:	Youn-soo Cho -Korean.
Kind of Application	:	CONVENTION/COMPLETE

Application for Patent Number 835/del/2001 Filed on 08/08/2001

CONVENTION APPLICATION NO. 00-46581/KR/11/08/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

(4 Claims)

A liquid transfer printing method for a steering wheel rim of an automobile by which a printed pattern is transfer printed on one side surface of the steering wheel rim divided into two side surfaces in a lengthwise direction by using a transfer film, in which a pattern layer is formed on a polyvinyl alcohol layer, the method comprising the steps of:

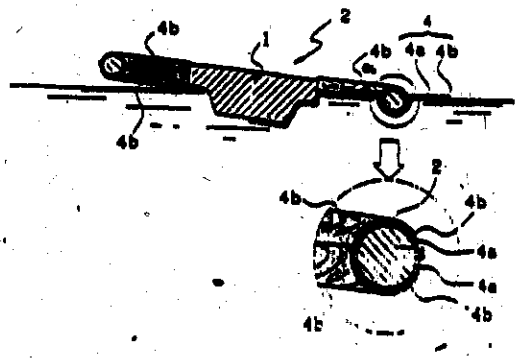
Lowering the steering wheel rim up to a boundary line of a primary transfer print portion without attaching an addition mask member to the other side surface of the steering wheel rim opposite to the primary transfer print portion after floating the transfer print film on liquid (a first transfer print step);

Half drying the polyvinyl alcohol layer of the transfer film coated on the primary transfer print portion of the steering wheel rim in the first transfer print step, so that the polyvinyl alcohol layer is dried to a gel state (a half drying step) in a manner such as herein described;

When the polyvinyl alcohol layer at the outer side of a first transfer print surface in the half drying step is dried to a gel state, flipping the steering wheel rim and lowering the other side to be transfer printed over the boundary line (a second transfer print step); and

Soaking the steering wheel rim having the entire surface thereof completely transfer printed in solution and cleaning the outside polyvinyl alcohol layers of the first and second transfer print surfaces by injecting the solution to the surface of the steering wheel rim (an entire surface cleaning step).

FIG. 6F



(COMPLETE SPECIFICATION 15 PAGES

DRAWING SHEET-8)

194862

Indian Classification	:-	77
International Classification	:-	C 11B 3/00
Title	:-	" A PROCESS FOR THE PRODUCTION OF REFINED RICE BRAN OIL".
Applicant	:-	**ACHHRU RAM SHARMA,** an Indian National of A.P Enclave, Sangrur Byepass Road, Dhuri, Distt. Sangrur Punjab. India.
Inventors	:-	SHARMA ACHHRU RAM – INDIAN
Kind of Application	:-	COMPLETE
Application for Patent Number		25/DEL/2001 filed on 12/01/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office New Delhi Branch - 110 008.

(Claims 09)

A process for the production of refined rice bran oil comprising degumming in a manner as herein described the crude rice bran oil, bleaching in a manner as herein described said degummed oil, dewaxing in a manner as herein described said bleached oil and then subjecting said dewaxed oil to the step of deacidification in a manner as herein described, said deacidified oil being treated for the removal of solids therefrom in the manner as herein described, deodorizing said treated oil in the manner as herein described and then subjecting the same to the step of dewaxing in a manner as herein described again so as to get the refined rice bran oil.

Complete Specification No of Pages 13 Drawings Sheet 00

Ind.Cl.:41

194863

Int.Cl[7]:E 04 H12/28

An improved version of chimney suitable for small and medium scale industrial units.

Applicant: MR. P. PERIASWAAMI
S/O.MR.K.PERUMAL GOUNDER(b)resident of
318, MANIKAMPALAYAM,ERODE 630 004,
TAMIL NADU STATE,(c) INDIAN NATIONAL
INDIA

Inventors: 1.P. PERIASWAAMI

Application No:911/MAS/02 filed on 5thDEC 2002

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

4 Claims

An improved version of Chimney suitable for small and medium scale industrial units having a steel structure as an inner component in the RCC Chimney tapering top and a broad base at the ground level (7) characterized in that the steel is not reinforced with individual units of Pre-casted heat resistant cement concrete material and the said chimney (1) is supported by the steel tower (2) and said steel tower (2) comprises of steel rod(s) (3), cross rod(s) (4), steel ring(s) (5), steel string(s) (6), wherein the distance between the steel tower and the centre of the Chimney is ranging from 0.3 metre to 5 meters.

Comp.Specn. 8 Pages; Drgs 4 Sheets.

Ind.Cl.:182C

194864

Int.Cl[7]:C13D00/00;A23L003/347;A23L00/35D;A23L001/09.

A METHOD OF FORMING POWDERED SUGAR BY SPRAY DRYING OF SUGARCANE JUICE.

Applicant: KHODAY LAKSHMANSA SRIHARI
TRUSTEE, L.K.TRUST "BREWERY HOUSE"
7TH MILE,KANAKAPURA ROAD,
BANGALORE 560 062,KARNATAKA STATE
INDIA

Inventors: 1. KHODAY LAKSHMANSA SRIHARI

Application No:284/MAS/02 filed on 12th APR 02

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

10 Claims

1. A method of Forming powdered sugar by spray drying of sugar cane juice comprises of clarified concentrated sugarcane juice of 24 Brix is pumped through insulated heat exchanger for the operation of spray drying which involves the fundamental unit process of clarified concentrated sugarcane juice is atomized through a nozzle by means of control valve and the said atomized droplet of juice comes in contact with co-current hot air coming from the insulated air heater and the said hot air absorbs the moisture in the sugarcane juice droplets and amorphous powder sugar is formed and the said amorphous powdered sugar is passed through primary cyclone separator wherein hot air is separated and powdered sugar is collected at the bottom of the cone in a tray and to recover traces of powdered sugar from the hot air,the said hot air is passed through secondary cyclone separator where the traces of powdered sugar are collected at the bottom of the cone into the tray and the said hot air from the secondary cyclone seperator is passed through heat exchanger to heat the cold sugarcane juice that is pumped from sugarcane juice Stainless Steel Tank.

Comp.Specn. 10 Pages; Drgs 1 Sheets.

Ind.Cl.:68 D

194865

Int.Cl[7]:H01H 33/86

" A POWER BREAKER"

Applicant: ABB SCHWEIZ HOLDING AG
A SWISS COMPANY
BROWN BOVERI STRASSE 6
5400 BADEN,
SWITZERLAND

Inventors: 1. Dr. LUKAS ZEHNDER
2. ROBER ANDERES
3. Dr. BODO BRUHL
4. CHRISTIAN DAHLER
5. Dr. KURT KALTENEGGER
6. JOACHIM STECHBARTH

Application No591/MAS/1997 filed on 20/03/1997

Convention No.19613569.9 on, 04/04/1996 in GERMANY

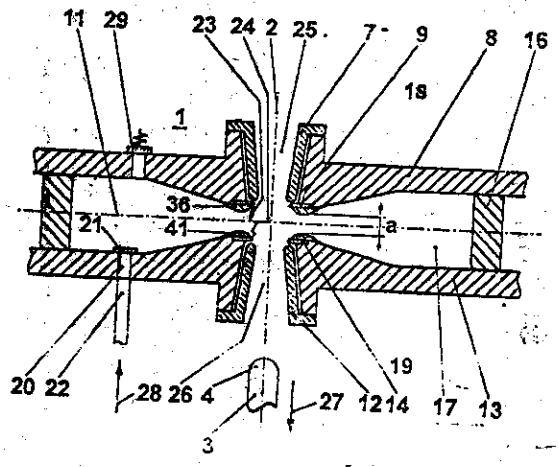
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

16 Claims

1. A power breaker having at least one quenching chamber, which is filled with an insulating medium, is of cylindrical design, extends along a central axis (2) and has a power current path, having two stationary consumable contacts (5, 6) which are located on the central axis (2), are at a distance from one another in the axial direction and are located in the power current path, having a moving bridging contact, which electrically conductively connects the consumable contacts (5, 6) in the connected state, having an arc zone (24) which is provided between the stationary consumable contacts (5, 6), and having a rated current path which is located in parallel with the power current path and is provided with moving rated current contacts,

- wherein at least one source is provided for an insulating medium on which high pressure acts, and
- wherein this at least one source is connected directly to the arc zone (24) by means of at least one injection channel (62, 63).

Comp.Specn. 38 Pages; Drgs 8 Sheets.



Intl.Cl.:168 C 194866

Int.Cl[7]:G 06 F - 5/6

" A METHOD AND APPARATUS FOR DETERMINING THE STATUS OF A RESOURCE OF A DIGITAL SYSTEM"

Applicant: SAMSUNG ELECTRONICS CO. LTD.,
A KOREAN COMPANY,
OF 416, MAETAN - DONG,
PALDAL - GU, SUWON -CITY, KYUNGI - DO.
REPUBLIC OF KOREA.

Inventors: 1. MARCO Y.C. CHENG

Application No.2116/MAS/1996 filed on 27th November 1996

Convention No.08/568, 149 filed on 07th December 1995 in US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

13 Claims

A method for determining the status of a resource of a digital system, wherein a first subsystem operating in synchronism with a first clock makes primary accesses to said resource, wherein a second subsystem operating in synchronism with a second clock makes secondary accesses to said resource, said second clock being asynchronous with respect to said first clock, wherein said resource becomes unavailable for additional primary accesses until a secondary access occurs, and wherein said resource becomes unavailable for a secondary access until a primary access occurs, said method comprising the steps of:

generating a first quantity representing a number of said primary accesses to said resource made by said first subsystem, said first quantity generated in synchronism with said first clock;

generating a second quantity representing a number of said secondary accesses to said resource made by said second subsystem, said second quantity generated in synchronism with said second clock;

synchronizing said first quantity with said second clock to generate a third quantity;

synchronizing said second quantity with said first clock to generate a fourth quantity;

comparing said first quantity with said fourth quantity to generate a first resource-available signal for said first subsystem, said first resource-available signal being active when said first quantity is equal to said fourth quantity, said first resource-available signal generated in synchronism with said first clock; and

comparing said second quantity with said third quantity to generate a second resource-available signal for said second subsystem, said second resource-available signal being active when said second quantity is different from said third quantity, said second resource-available signal generated in synchronism with said second clock.

Comp.Specn. 70 Pages; Drgs 14 Sheets.

Ind.Cl.:8D 194867

Int.Cl[7]:A2415/28,A24D003/06

A METHOD FOR PREPARING BIODEGRADABLE FILTER ELEMENTS.

Applicant: Bio-Tec Biologische Naturverpackungen Gmbh & Co K.G.
A German Company
Of Blinder Weg 30, 46446
Emmerich, Germany

Inventors: 1. JURGEN LORCKS
2. HARALD SCHMIDT

Application No1704/MAS/96 filed on 26th SEP 96

Convention No.195 36 505.4 filed on 29th SEP 95 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

16 Claims

A method for preparing biodegradable filter elements (1) or filter tows for tobacco smoke filter elements having a filter material from starch and/or a starch-based polymer composition, comprising the following method steps:

(a) continuously supplying a dosed mixture of renewable raw materials and/or a starch-based polymer composition as well as further additives in an extruder arrangement, wherein the further additives are polyvinyl alcohol, polyester amide and/or polyester urethane, a flow auxiliary and optionally a blowing agent,

(b) heating and kneading the mixture under a defined temperature-pressure characteristic for the development of a melt,

(c) extruding the melt through atleast one die,

(d) developing an extrudate with air-permeable configuration,

(e) compressing the extrudate and developing of an endless round filter rod, and

(f) wrapping the round filter rod and developing single filter elements.

Comp.Specn. 33 Pages; Drgs 4 Sheets.

Ind.Cl.:187 C3

194868

Int.Cl[7]:H 04 M 3/50

" A TELEPHONE EXCHANGE, A METHOD OF INITIATING AND ROUTING A CALL FROM A CALLING SUBSCRIBER LINE"

Applicant: BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
A BRITISH COMPANY,
OF 81, NEWGATE STREET, LONDON,
EC1A 7AJ,
ENGALND

Inventors: 1. PAUL CHRISTOPHER MILLAR
2. ROBERT BRUCE PHILIP CARPENTER

Application No1264/MAS/1996 filed on 17th July 1996

Convention No.9514683.3 on, 18th July 1995 in GBSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

14 Claims

1. A telephone exchange comprising: (a) store having, for each of a plurality of subscriber lines connected to the exchange, a store location for containing a code word identifying one of a plurality of audio sources; (b) control means responsive to an off-hook condition of a subscriber line to interrogate the corresponding store location and to route to the subscriber line the corresponding audio source to indicate that dialling is possible; (c) means operable in response to assigned dialled signals from a subscriber line to change the code word in the corresponding store location so as to change the audio source to be selected for subsequent off-hook conditions of that subscriber without otherwise changing the response of the exchange to that subscriber.

Comp.Specn. 19 Pages; Drgs 07 Sheets.

Ind.Cl.:32B **194869**

Int.Cl[7]:C 08 F 10/02 & C 08 F 2/34

" A PROCESS FOR MAKING AN ETHYLENE POLYMER".

Applicant: UNIVATION TECHNOLOGIES LLC,
A CORPORATION OF THE STATE OF DELAWARE OF
OF 5555 SAN FELIPE, SUITE 1950,
HOUSTON,TEXAS 77056
USA.

Inventors: 1. George Norris Foster
2. Tong(nmn)Chen
3. Scott Hanley Wasserman
4. Day-Chyuan(nmn)Lee
5. Stuart Jacob Kurtz
6. Laurence Herbert Gross.

Application No:813/MAS/96 filed on 15th MAY 96

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

11. Claims

A process for making an ethylene polymer comprising polymerizing ethylene and optionally at least one higher alpha-olefins in the presence of a catalyst system wherein the made ethylene polymer is characterized as having:

a Polydispersity Index of at least about 3.0;

a melt index, MI and a Relaxation Spectrum Index, RSI, such that (RSI)(M 1 0.7) is greater than about 26; and

a Crystallizable Chain Length Distribution Index, L_w/L_n, less than about 3.

Reference to : US 5,380,810 WO 93/08221 WO 94/19381

Comp.Specn. 36 Pages; Drgs 2 Sheets.

Ind. Cl. :140 A 1 **194870**

Int.Cl[7]:C 10 N 30/02; C 10 M 143/10

" A METHOD OF PRODUCING A LUBRICANT COMPOSITION WITH MODIFIED VISCOSITY AND A LUBRICATING COMPOSITION WITH MODIFIED VISCOSITY"

Applicant: MOBIL OIL CORPORATION
A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, USA
3225 GALLOWS ROAD
FAIRFAX, VIRGINIA 22037-0001
USA

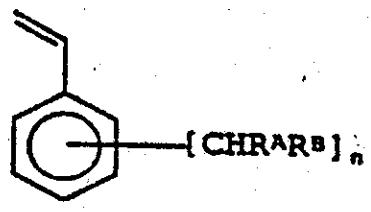
Inventors: 1. ELLEN BERNICE BRANDES
2. FREDERIC CHARLES LOVELESS

Application No:571/MAS/1996 filed on 04/04/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

11 Claims

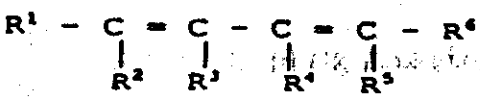
A method of producing lubricant composition with modified dispersion comprising the steps of incorporating in a lubricating oil such as mineral and synthetic oil, a copolymer of a ring-substituted styrene and at least one conjugated diene, wherein said ring-substituted styrene has at least one benzylic hydrogen and the formula:



(5)

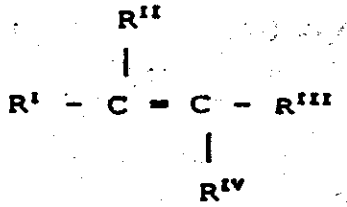
wherein n = 1-5, and R^A and R^B are each hydrogen or a hydrocarbyl group; and

said at least one conjugated diene comprises: a conjugated diene having at least five carbon atoms and the formula:



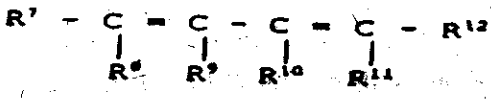
(1)

wherein R^1-R^6 are each hydrogen or a hydrocarbyl group, provided that at least one of R^1-R^6 is a hydrocarbyl group, provided that after polymerization, the unsaturation of the polymerized conjugated diene of formula (1) has the formula:



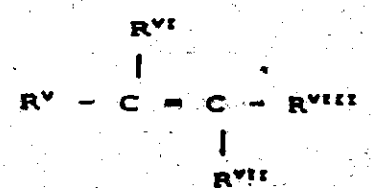
(2)

wherein R^I, R^{II}, R^{III} and R^{IV} are each hydrogen or a hydrocarbyl group, provided that either both R^I and R^{II} are hydrocarbyl groups or both R^{III} and R^{IV} are hydrocarbyl groups; or a conjugated diene having at least four carbon atoms and the formula:



(3)

wherein R^7-R^{12} are each hydrogen or a hydrocarbyl group, provided that after polymerization, the unsaturation in the polymerized conjugated diene of formula (3) has the formula:



(4)

wherein R^V, R^{VI}, R^{VII} and R^{VIII} are each hydrogen or a hydrocarbyl group, provided that one of R^V or R^{VI} is hydrogen, one of R^{VII} or R^{VIII} is hydrogen, and at least one of R^V, R^{VI}, R^{VII} and R^{VIII} is a hydrocarbyl group said copolymer being selectively hydrogenated and thereafter functionalized in a known manner to provide at least one polar functional group.

Reference to : US 4,007,121 EP 0344021 US 3,818,330

Comp.Specn. 98 Pages; Drgs 5 Sheets.

Ind.Cl.:134 B

194871

Int.Cl[7]:B24B 47/00

" A DEVICE FOR REDUCING BACKLASH IN GEAR DRIVES"

Applicant: INDIAN INSTITUTE OF TECHNOLOGY
An autonomous body set up by the Govt. of India
IIT P.O., CHENNAI - 600 036
TAMILNADU
INDIA

Inventors: 1. MANJANKARANI SUBRAMANIAM SHUNMUGAM
2. NAGALLA SIVA PRASAD

Application No:636/CHE/2003 filed on 04/08/2003

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

2 Claims

A device for reducing backlash in gear drives comprising a casing accommodating first and second gears, the first gear being mounted on a first shaft supported in a first set of end bearings, located directly in the bores on the casing, a set of end caps axially securing the first shaft; the second gear being mounted on a second shaft supported in a second set of end bearings located in a set of end housings, each end housing having an eccentric bore for seating the second shaft, the end housings having a first set of spaced circumferential holes on the exterior corresponding to a mating second set of spaced circumferential holes on the casing, whereby the end housings are boltable to the casing through said first and second set of holes, in predetermined positions of eccentricity, enabling the second gear to be brought sufficiently close to the first gear, to reduce backlash.

Comp.Specn. 9 Pages; Drgs 2 Sheets.

Ind.Cl.:15D 194872

Int. Cl.[7] :F 16 C -33/12; B22F-7/02; B22F-3/16

" BEARING FOR FUEL PUMP, METHOD OF MANUFACTURING THE SAME AND FUEL PUMP"

Applicant: DENSO CORPORATION
A JAPANESE COMPANY
1-1 SHOWA-CHO, KARIYA-CITY,
AICHI-PREF, 448-8661
JAPAN

Inventors: 1. OI, KIYOTOSHI

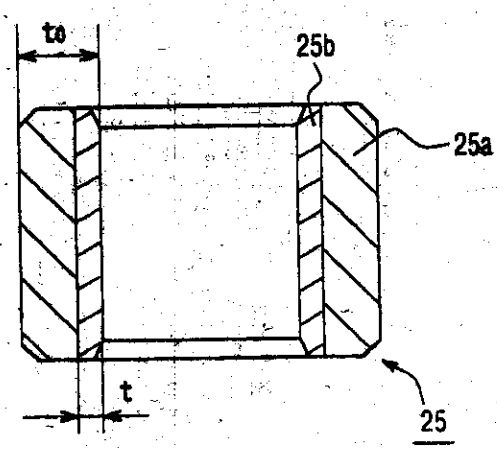
Application No255/MAS/2003 filed on 25/03/2003

Convention No.2002-088504 on, 27/03/2002 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

18 Claims

1. A bearing for a fuel pump, the bearing exposed in the fuel of the fuel pump, the bearing comprising; a sliding layer made of mainly carbon; and a supporting layer made of mainly carbon and a metal, the supporting layer being connected to the sliding layer to support the sliding layer.



Comp.Specn. 22 Pages; Drgs 4 Sheets.

Ind.Cl.:29D

194873

Int.Cl[7]:H04B 14/04

" A TRANSMITTING METHOD OF DIGITAL DATA"

Applicant: PIONEER ELECTRONIC CORPORATION
A JAPANESE COMPANY
4-1, MEGURO 1 - CHOME
MEGURO-KU, TOKYO
JAPAN

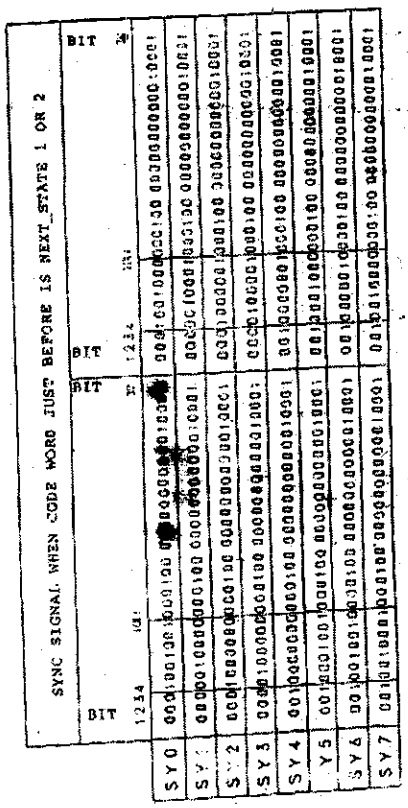
Inventors: 1. Tadashi Kojima
2. Koichi Hirayama
3. Hisashi Yamada
4. Yoshiaki Moriyama
5. Fumihiko Yokogawa
6. Takao Arai
7. Toshifumi Takeuchi
8. Shinichi Tanaka
9. Akira Kurahashi
10. Toshiyuki Shimada

Application No2183/MAS/1996 filed on 04/12/1996

Convention No.7-316420 filed on 08/12/1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

12 Claims



A transmitting method of digital data for retaining the digital data in sectors each comprising a plurality of sync frames and sequentially transmitting, wherein said sync frame comprises a sync signal and a run length limited code which corresponds to said digital data and satisfies limitations of a minimum run length and a maximum run length, and said sync signal includes a specific code indicative of a position in said sector.

Comp.Specn. 20 Pages; Drgs 8 Sheets.

Ind.Cl.:14A2 **194874**

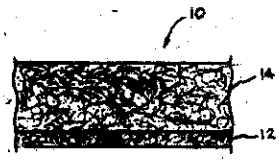
Int.Cl[7]:HO/M4/14

A MULTI-LAYER SHEET USEFUL AS A SEPARATION IN A LEAD ACID BATTERY AND A METHOD FOR MANUFACTURING THE SAME

Applicant: HOLLINGSWORTH & VOSE COMPANY
a corparation of the state of Massachusetts,
USA 112 WASHINGTON STREET,EAST WALPOLE
MASSACHUSETTS 02032 (A US company)
USA

Inventors: 1. GEORGE C ZGURIS

2. FRANK C HARMON JR



Application No1655/MAS/96 filed on 19th SEP 96

Convention No.60/004,008 on, 2Oth SEP 95 in USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

16 Claims

1. A multi-layer sheet useful as a separator in a lead acid battery, said sheet comprising a first layer and a second layer, said first layer being substantially binder free, and consisting essentially of glass fibers or of glass fibers and a powder that is inert to battery reactions and to materials that are present in batteries, said powder having a mean particle size ranging from 0.001 μm to 20 μm, and said second layer being substantially binder free, and consisting essentially of glass fibers and said powder, said powder having a particle size and density, and being present in said second layer or in said first and second layers, in an amount such that a significant portion of the powder from a layer formed by depositing a furnish containing the glass fibers of the second layer and the powder of the multilayer sheet onto the wire of a paper making machine would pass through the wire, and said first layer having a sufficiently small pore size that substantially all of the powder in said furnish either remains in a layer formed by depositing said furnish on the first layer, while on the wire of the paper making machine, or is filtered from the liquid of said furnish by the fibers of the first layer while on the wire of the paper making machine and substantially all of the powder in said furnish is retained in the sheet.

Ind.Cl.:88F

194875

Int.Cl[7]:C01B 17/02;C01B 17/04

A METHOD FOR PRODUCING PURIFIED LIQUID SULFUR AND AN APPARATUS FOR PRODUCING THE SAME.

Applicant: JACOBS NEDERLAND B.V.,
PLESMANLAAN 100,
2332 CB LEIDEN,
A NETHERLAND COMPANY
NETHERLAND

Inventors: 1. JAN ADOLF LAGAS
2. JOHANNES BORSBOOM
3. MARIA LOUIS JOSEPH AUGUSTINUS WETZELS

Application No1582/MAS/96 filed on 10th SEP 96

Convention No.1001216;1003085 on, 15th SEP 95;10th MAY 96 in DUTCH

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

17 Claims

A method for producing purified liquid sulfur, comprising the steps of removing hydrogen sulfide compounds from contaminated liquid sulfur by passing a finely divided gas such as herein described through the liquid sulfur, wherein the liquid sulfur to be treated is successively passed through at least two degassing compartments, each compartments being divided into at least two zones in communication with each other at the top and the bottom, and in at least one zone, a sub compartment with means for supplying the gas in a finely divided form is provided at the bottom thereof, in which zone the liquid sulfur, through the action of said gas, flows upwards and then to at least one other zone, where the liquid sulfur flows downwards and thereby recirculates at least partly to said first zone, and said gas is received in a gas space above the liquid sulfur, and wherein the liquid sulfur flows from one degassing compartment to a next degassing compartment and is discharged from the last degassing compartment as purified liquid sulfur.

Comp.Specn. 26 Pages; Drgs 2 Sheets.

Ind.Cl.:31C **194876**

Int.Cl[7]:H01C 17/14

A COMPOSITION FOR AN ELECTRIC MATERIAL

Applicant: MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, MARUNOUCHI 2-CHOME,
CHIYODA-KU, TOKYO 100,
A JAPANESE COMPANY
JAPAN.

Inventors:
1. Naomi Furuse;
2. Masahiro Kobayashi;
3. Toshihiro Suzuki;
4. Junichi Shimizu;
5. Yoshio Takada;
6. Hiroshi Nakajoh;
7. Kei-Ichiro Kobayashi;
8. Tomoaki Kato.

Application No1291/MAS/96 filed on 22nd JUL 96

Convention No.7-230169 on, 7TH SEP 95 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

2 Claims

A composition for an electric material, containing as a primary component zinc oxide and additionally containing bismuth oxide, antimony oxide, chromium oxide, nickel oxide, cobalt oxide, manganese oxide, silicon oxide and boron oxide, said composition further containing at least one of rare-earth elements in a range of 0.01 mol% to 3.0 mol% in terms of oxide thereof given by R_2O_3 where R represents generally said rare-earth elements; and aluminum in a range of 0.0005 mol% to 0.005 mol % in terms of aluminum oxide given by Al_2O_3.

Comp.Specn. 34 Pages; Drgs 9 Sheets.

Ind.Cl.:40C **194877**

Int.Cl[7]:C02F 1/46

A process for reducing the content of chloride,potassium and other metal ions in a recovery system.

Applicant: EKA CHEMICALS AB
(A SWEDISH COMPANY)
OF S-445 80,
BOHUS,
SWEDEN.

Inventors: 1. JOHAN LANDFORS
2. ROY HAMMER-OLSEN
3. KIMONA HAGGSTROM

Application No1204/MAS/96 filed on 9th JUL 96

Convention No.9502583-9 filed on 12th JUL 95 in SWEDEN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

11 Claims

1. A process for reducing the content of chloride, potassium and other metal ions in a recovery system for pulping chemicals by bringing spent liquor to a recovery boiler, burning said spent liquor, collecting precipitator dust formed characterized in that the precipitator dust (1) is leached (2) with a leaching liquid at a temperature exceeding 50°C and at a pH above 6 to form a solid phase (3) comprising metals and organic material and a chloride and potassium enriched leach solution and said phase (3) is separated from the chloride and potassium enriched leach solution (4), whereupon said leach solution is subjected to an electrochemical treatment (5) for removing at least a part of the chloride and potassium therein.

Comp.Specn. 27 Pages; Drgs 1 Sheets.

Ind.Cl.:23G

194878

Int. Cl.[7]:B65D - 085/10

" HINGE-LID PACK FOR CIGRAETES AND A BLANK FOR PRODUCING THE SAME"

Applicant: FOCKE & CO. (GMBH & CO)
A GERMAN COMPANY
SIEMENSSTR. 10,
27283 VERDEN,
GERMANY

Inventors: 1. HEINZ FOCKE
2. HENRY BUSE

Application No864/MAS/1996 filed on 22/05/1996

Convention No.19519505.1 on, 31/05/1995 in GERMANY

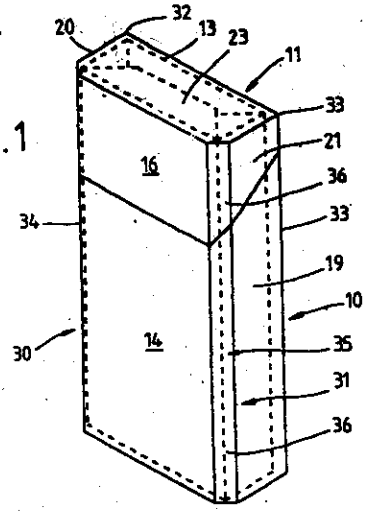
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

4 Claims

1. Hinge-lid pack of essentially cuboidal configuration, made of thin cardboard or similar packaging material, for accommodating a cigarette group comprising a box part (10) and a lid (11), the lid (11), being connected to the box part (10) such that it can be pivoted along an articulation line (37) in the region of the box rear wall (15) and of a lid rear wall (17) and also comprising a collar (12) which is anchored in the box part (10), on the box front wall (14) of the latter, and has a collar front wall (48) and collar side tabs (49, 50), characterized by a) two upright longitudinal edges of the box part and of the lid (11), namely front edges (30,31), are of beveled design and the other two longitudinal edges, namely rear edges (32, 33), are right-angles in cross section; b) the front edge (30, 31) are adapted to the dimensions of the cigarettes, namely the width of a material strip (36)

running at the angle of 45° between oblique edges (34, 35) of each front edge (30, 31); c) narrow, elongate side walls (18, 19; 20, 21) comprise overlapping side tabs (24, 25) and lid side tabs (26, 27) respectively, the side tabs and the lid side tabs overlapping one another merely in the region outside the beveled front edges (30, 31); d) outer side tabs (25) connected to the box front wall (14) and the outer lid side tabs (26) connected to a lid front wall (16) extend as far as the respective rear edges (32, 33), while inner side tabs (24) and lid side tabs (27) extend as far as a facing folding line of the front edges (30, 31); e) base corner tabs (29), which are connected to the side tabs (24, 25) in the region of a base wall (22) of the box part (10), and lid cover tabs (28), which are connected to the lid side tabs (26, 27) in the region of the end wall (23) of the lid (11), are designed to correspond, in terms of width or transverse dimension, to the width of line base wall (22) and to the width of the end wall (23), respectively, such that the corner tabs (28, 29) butt against the box front wall (14) and the lid front wall (16) by way of an outer edge (64) and against the box rear wall (15) and the lid rear wall (17) by way of punched edges (67); f) in the region of the corners directed towards the beveled front edges (30, 31), the base corner tabs (29) and the lid corner tabs (28) have an oblique corner (42) such that the corner tabs (28, 29) butt precisely against the oblique edges (34, 35) and, opposite the latter, against the rear edges (32, 33); g) the collar (12) is designed, between the collar front wall (48) on the one hand and collar side tabs (49, 50) on the other hand, with beveled edges, corresponding to the configuration of the front edges (30, 31), by the collar side tabs (49, 50) extend as far as the right-hand angled rear edges (32, 33).

Fig.1



Comp.Specn. 19 Pages Drgs 6 Sheets.

Ind.Cl.:32 C 194879

Int.Cl[7]:C 08 K 5/01

" PROCESS FOR THE PREPARATION OF A CROSSLINKABLE IMPREGNATING ELECTRIC COMPOSITION"

Applicant: ELF ATOCHEM S.A.,
A FRENCH BODY CORPORATE
4 & 8 COURS MICHELET, LA DEFENSE 10
F - 92800 PUTEAUX,
FRANCE

Inventors: 1. NOELLE BERGER
2. PIERRE JAY

Application No:804/MAS/1996 filed on 14th May 1996

Convention No 9505989 filed on 19th May 1995 , FRANCE

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

38 Claims

A process for the preparation of a crosslinkable impregnating dielectric composition comprising at least one polydiene polyol, at least one polyisocyanate, and at least one chemically inert insulating liquid, wherein the functionality of the polyisocyanate is greater than or equal to 2, and the composition contains more than 90% by weight of the chemically inert insulating liquid such that the composition retains a viscosity of less than 50 mPa s at the impregnation temperature for a period at least equal to 1 day and has a tangent δ (tan δ) at 20°C and at 50 Hz, after complete crosslinking, of less than 0.02, which process comprises forming a mixture A comprising one or more polyols dissolved in a chemically inert insulating liquid, and a mixture B comprising one or more polyisocyanates dissolved in a chemically inert insulating liquid; contacting mixture A and/or mixture B, separately, with an adsorbent earth at a temperature of between 20°C and 80°C; and subsequently removing the adsorbent earth and contacting the mixtures A and B optionally with addition of further chemically inert insulating liquid.

Comp Specn 34 Pages; Drgs 02 Sheets.

Ind.Cl.:206 G

194880

Int. Cl.[7]:H04 B 15/00; H04 K 1/00; H04 L 27/30

" A METHOD OF RECEIVING A SIGNAL COMPRISED OF A GROUP OF SPREAD SPECTRUM CALL SIGNALS SHARING A COMMON FREQUENCY BAND"

Applicant: QUALCOM INCORPORATED
A COMPANY INCORPORATED IN THE STATE OF DELAWARE, USA
6455 LUSK, BOULEVARD,
SAN DIEGO, CALIFORNIA 92121
USA

Inventors: 1. NOAM A. ZIV
2. ROBERTO PADOVANI
3.JEFFREY A LEVIN
4. KENNETH D. EASTON

Application No:671/MAS/1996 filed on 22/04/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

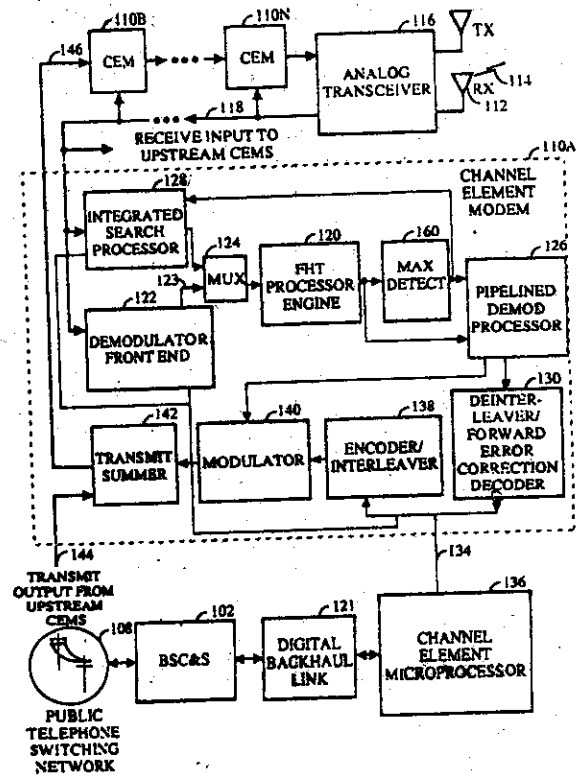
5 Claims

A method of receiving a signal comprised of a group of spread spectrum call signals sharing a common frequency band wherein each of said spread spectrum call signals comprises a series of bits encoded in groups of a fixed length into a series of symbols wherein a series of said symbols are grouped together in a power control group wherein each symbol in a common power control group is transmitted at a common power level and wherein said power control groups are transmitted in bursts, and isolating one of said call signals from among said group to determine a call signal strength at a path delay time offset from a zero offset reference time, said method comprising the steps of: storing PN sequence data bits in a PN sequence buffer; storing a first received set of call signal samples in a sample buffer having a limited size; despreading a first fixed length set of

said call signal samples from said sample buffer corresponding to a first path delay time with a first set of PN sequence data bits from said PN sequence buffer to produce a first despread output; storing a second received set of call signal samples in said sample buffer; and despreading a second fixed length set of call signal samples from said sample buffer corresponding to a second path delay time with said first set of PN sequence data bits from said PN sequence buffer to produce a second despread output; wherein said second fixed length set of call signal samples comprises a large number of the same call signal samples as said first fixed length set of call signal samples and wherein the length of said first and second received set of call signal samples is a fraction the fixed length of said first and second fixed length set of call signal samples;

wherein said steps of storing said first and second fixed length set of call signal samples and said steps of despreading said first and second fixed length set of calls signal samples are performed independent of a probability that said one of said call signals comprises one of said power control groups.

Reference to : USA 4,901,307; 5,103,459; 08/363,170; 08/291,647; 08/233,570; 08/144,902; 08/316,177; 5,056,109; 08/316,156; 08/173,460



Comp.Specn. 45 Pages; Drgs 15 Sheets.

Int. Cl[7] : G01R 19/15 - G01R 33/24

194881

Ind. Cl : 126A
Title : AN IMPROVED CURRENT SENSOR.
Applicant : GENERAL ELECTRIC COMPANY, OF 1, RIVER ROAD, SCHENECTADY, NEW YORK 12345, USA.

Inventor : 1. ERTUGRUL BERKCAN
2. JEROME JOHNSON TIEMANN

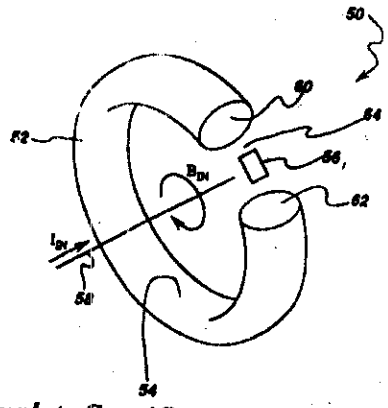
Application no 832/CAL/1998 FILED ON 8.5.1998
(CONVENTION NO. 08/899, 766 FILED ON 24.7.1997 IN USA.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

9 CLAIMS.

An improved current sensor for generating a signal representative of alternating current in a current-carrying conductor, said current sensor comprising:

a magnetic core having first and second ends with a gap there between and shaped to form a conductor opening, said current-carrying conductor extending through said conductor opening; and

a current sensing element having a biasing coil for carrying a bias alternating current, said sensing element being positioned relative to said gap between said first and second ends of said magnetic core so that said sensing element moves when exposed to alternating magnetic fields of the current-carrying conductor and the biasing coil.



Complete Specification : 17 pages. *Drawing : 4 sheets*

Int. Cl.[7] : H01B 1/24, C04B 35/52

194882

Ind. Cl : 35

Title : ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHODS FOR PRODUCING SAME.

Applicant : CARMEL OLEFINS LTD OF PO 1468, HAIFA 31014, ISRAEL.

Inventor : 1. MOSHE MARKIS
2. RSA TCHOUDAKOV
3. ARNON SIEGMANN
4. ANITA VAXMAN

Application no 1749/CAL/1997 FILED ON 22.9.1997

(CONVENTION NO. 60/030,621 FILED ON 7.11.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

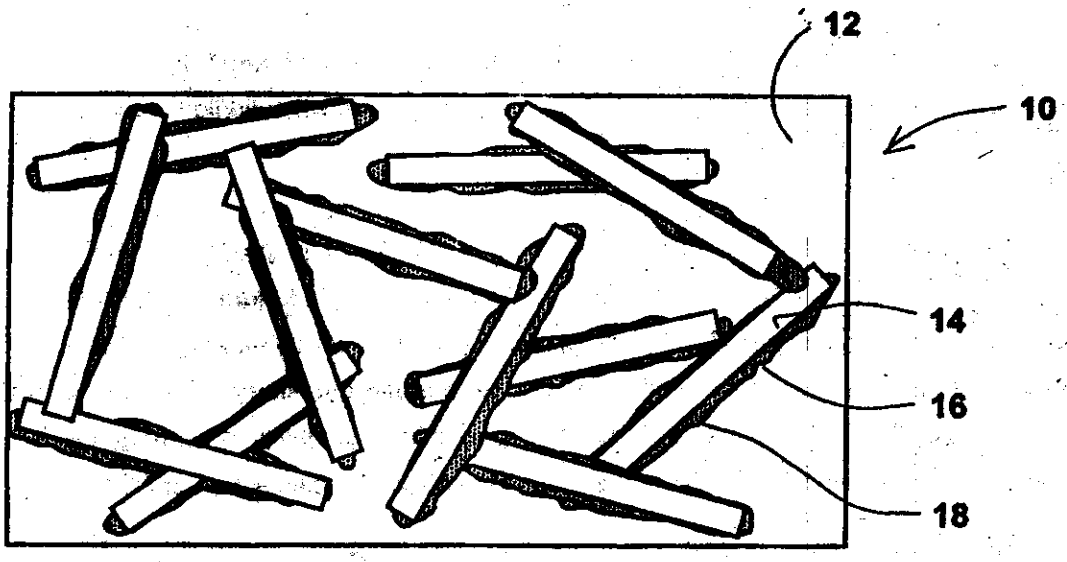
36CLAIMS.

An electrically conducive composition comprising:

a matrix comprising substantially a first thermoplastic component;

a second thermoplastic component having a higher polarity than that of said first thermoplastic component, said second component encapsulating a plurality of fibers forming a network of encapsulated fibers within said matrix; and

a carbon component preferentially attracted to said second component so as to make said network an electrically conducive network within said matrix, said carbon component located at the interface between said second thermoplastic component and said matrix wherein said carbon component is carbon black and is present in an amount less than 10 parts per hundred.



Complete Specification : 40 pages. *Drawing :5 sheets*

Int. Cl[7] : C07C 63/26 C07C 5/265 C07C 51/487

194883

Ind. Cl : 32(IX)
Title : PROCESS FOR PRODUCING PURIFIED TEREPHTHALIC ACID
Applicant : MITSUI CHEMICALS, INC, 2-5 KASUMIGASEKI 3-CHOME CHIYODA-KU, TOKYO, JAPAN

Inventor : 1. SUZUKI HIROSHI
2. MAUYAMA DAISUKE

Application no 532/cal/1999 filed on 9.6.99
(CONVENTION NO. 163701/1998 filed on 11.6.98 in JAPAN.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

4CLAIMS.

A process for the preparation of purified terephthalic acid (PTA) comprising the steps of:

(a) preparing an aqueous slurry of a crystalline crude terephthalic acid (CTA) by mixing with water, the said crystalline CTA being obtained by oxidation of paraxylene and containing 4-carboxy benzaldehyde as impurity:

(b) heating the said aqueous slurry to dissolve the CTA crystals to form an aqueous solution thereof; and

(c) subjecting the solution thus obtained in step (b) to a hydrogenation treatment, such as herein described, in the presence of a hydrogenation catalyst; and

(d) isolating the PTA from the hydrogenated reaction product of step (c) by crystallization, followed by separation of PTA crystals by a known solid/liquid separation technique,

characterized in that the said aqueous slurry of step (a) is prepared in two stages, firstly, by pre-mixing the crystalline CTA with water in a kneader to form a prelirninary mixture having a CTA crystal content of 55 to 75% by weight, in water, secondly, by addition of further quantity of water to prepare the slurry of step (a) so that the weight % of CTA crystals in this slurry corresponds to its solubility in water at the temperature to which it is subjected in the step (b) to effect the dissolution of CTA.

Complete Specification : 19 pages. Drawing :2 sheets

Int. Cl[7] : C22C 38/00 | 194884

Ind. Cl : 108 C

Title : A PROCESS FOR MAKING LOW ALLOY STEEL WITH IMPROVED WEAR RESISTANCE PROPERTIES

Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF DORANDA RANCHI 834 002, STATE OF BIHAR, INDIA.

Inventor :
1. TRIPATHI BRAHM DEO
2. MADAN LAL NARULA
3. SUDHAKAR JHA
4. AMITABH GHOSH HAZRA
5. SOM SHEKHAR DATTA
6. AJIT KUMAR MISHRA
7. ARUNABHA DAS
8. VIJAY KUMAR SINGH.

Application no 111/CAL/2000 FILED ON 24.2.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

11CLAIMS.

A process for manufacture of low alloy steel with improved wear resistant properties having chemical composition of C = 0.12 – 0.18% by wt., Mn = 0.8 – 1.10% by wt., Si = 0.30 – 0.50% by wt., S = upto 0.020% by wt., P = upto 0.030% by wt., Cr = 0.50 – 0.90% by wt., Mo = 0.20 – 0.40% by wt., V = 0.02 – 0.06% by wt., Cu = 0.20 – 0.30% by wt., Ni = upto 0.12% by wt., Al = 0.02 – 0.08% by wt. and B = 0.003 – 0.006% by wt balance Fe comprising:

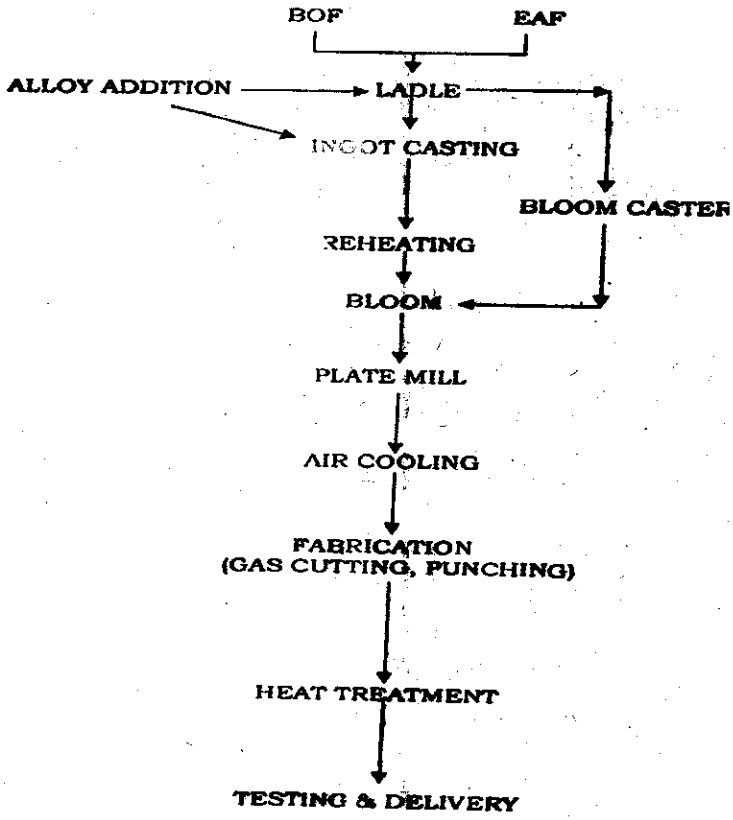
providing the molten steel of said chemical composition ;

tapping the molten steel in the temperature range of 1600 – 1660°C with or without addition of further metal/alloy;

forming blooms from the molten metal ;

soaking the blooms ; and

obtaining the finished steel there from by conventional process steps preferably as plates in the minimum temperature of 800°C such as to thereby produce the required low alloy steel with high wear resistant properties.



Complete Specification : 8 pages. ***Drawing :6 sheets***

Int. Cl[7] : A61K 35/78 A61K 39/29

194885

Ind. Cl : 55(XIX)E

Title : A PROCESS FOR PREPARING PHYLLANTHUS AMARUS SHOWING ANTI-HEPATITIS VIRAL ACTIVITY

Applicant : DR. (MRS.) SABITA BHATTACHARYA OF BOSE INSTITUTE, 93/1, ACHARYA PRAFULLA CHANDRA ROAD, KOLKATA – 700 009, WEST BENGAL, INDIA.

Inventor : DR. (MRS.) SABITA BHATTACHARYA

Application no 68/CAL/2002 FILED ON 7/02/2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

10 CLAIMS.

A process for preparing anti-viral composition from phyllanthus amarus showing anti-hepatitis viral activity, which comprises the steps of –

(i) Selecting root segments of length around 0.5-1.0 cm from the root tip of tissue culture raised *Phyllanthus amarus* plants for establishing *in vitro* root culture;

(ii) Treating the said root segments with at least one plant growth hormone selected from the group of indole-3-acetic acid (IAA), indole-3- butyric acid (IBA) and naphthalene acetic acid (NAA) in a liquid basal medium placed in a culture vessel;

(iii) Agitating continuously this vessel with its contents under controlled conditions such as herein described for around 4 weeks for mass production of roots;

(iv) Preparing crude extracts from roots in sterile double distilled water by homogenizing the same after harvesting from culture vessel;

(v) Centrifuging the crude extract for around half an hour at room temperature;

(vi) Decanting the supernatant fluid , filtering it and concentrating the same by lyophilization preceded by a 24-hrs freezing under –20° C;

(vii) Separating the concentrated extract, if desired or needed, into different fractions containing biomolecules of varying molecular weights by dialysis through membrane against phosphate buffer saline (PBS);

(viii) Storing the concentrates at –20° C under darkness in suitable receptacles and optionally

(ix) Converting the concentrates in oral dosage form wherein the aqueous extract content varies between 25-100mg/ml, depending on factors like age, bodyweight and the like.

Complete Specification :12 pages. ***Drawing :3 sheets***

Int. Cl[7] : B22D 41/34

194886

Ind. Cl : 195D

Title : VALVE PLATE FOR A SLIDING GATE VALVE AT THE OUTLET OF A VESSEL CONTAINING MOLTEN METAL

Applicant : STOPING AKTIENGESELLSCHAFT, OF ZUGERSTRASSE 76A, 6341 BAAR, SWITZERLAND.

Inventor : WALTER TOALDO

Application no 209/CAL/1999 FILED ON 12.3.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

10 CLAIMS.

Valve plate for a sliding gate valve at the outlet of a vessel containing molten metal comprising a refractory plate (22), a metal shell (21) surrounding it and having centering device which is so constructed that the valve plate (20) is loosely insertable into a metal frame of the sliding gate valve, and is centred therein, at least in one direction, characterised in that the centering device is constituted by preferably two abutment surfaces (23, 24) which rise up substantially at least partially vertically towards the plate support (26) afforded by the metal shell (21) and have a thickness for example the same as the metal shell thickness (21'), these abutment surfaces (23, 24) being so arranged that, in the inserted and centred state of the plate (20), they engage correspondingly shaped abutment surfaces (18', 19') on the metal frame (14, 15).

1/3

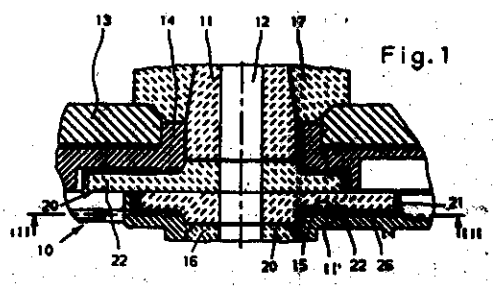


Fig. 1

Complete Specification : 12 pages. *Drawing : 3 sheets*

Int. Cl[7] : B23K 9/09

194887

Ind. Cl : 129(G)

Title : PROCESS FOR SHIELDED METAL ARC WELDING OF STEEL BODIES MADE FROM DISSIMILAR STEEL COMPOSITIONS.

Applicant : STEEL AUTHORITY OF INDIA LIMITED OF DORANDA, RANCHI – 834002, JHARKHAND, INDIA

Inventor : 1. ARUP KUMAR ROY
2. RAMESH SAHAI TEWARI
3. BISWA RANJAN CHAKRABORTY
4. MRINAL KANTI DUTTA

Application no 255/KOL/2003 FILED ON 5.5.2003

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

19CLAIMS.

Process for shielded metal arc welding of steel bodies made from dissimilar medium carbon low alloy steel grades comprising the steps of:

(i) heat treating the said steel bodies in order to bring down the hardness of said bodies to a range of 250 to 400 BHN comprising one or several stages of heating and/or subsequent cooling of said steel bodies;

(ii) preparing the weld joint comprising providing suitable groove between the joining faces of said steel bodies;

(iii) shielded metal arc welding providing root run and first layer cladding; and

(iv) at least one stage of build up by electrode.

Complete Specification :10 pages. *Drawing : 1 sheets*

29-3676/04

Int. Cl.[7] : C10B 049/20

194888

Ind. Cl. : 47C/56 G

Title : AN IMPROVED PROCESS AND APPARATUS FOR THE RAPID THERMAL PROCESSING OF CARBONACEOUS MATERIAL IN AN UPFLOW TRANSPORT REACTOR

Applicant : ENSYN GROUP , INC, 124, MOUNT AUBURN STREET, SUITE 200N CAMBIRIDGE, MA 02138, USA.

Inventor : 1. BARRY A. FREEL
2. ROBERT G. GRAHAM

Application no 192/CAL/1998 FILED ON 5.2.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

33CLAIMS.

An improved process for the rapid thermal processing of carbonaceous material in an upflow transport reactor, the reactor having a mixing section and a reactor section, said process comprising the steps of :

a) introducing a primary stream of carbonaceous material and a secondary stream of inorganic particulate heat carrier into the mixing section in the relative absence of oxygen, such that an average number of particles of said heat carrier within the mixing and reactor section is between about 4.5x10 and 18.6x10 particles per ft of reactor volume;

b) maintaining the stream of carbonaceous material in contact with the secondary stream of heat carrier through the reactor section to cause transformation of the carbonaceous material to a product stream;

c) separating the product stream from the heat carrier by separation means at the exit of the reactor section such that the average residence time of contact between the carbonaceous material and the heat carrier is less than 2.0 seconds and the temperature of the products is reduced after exiting from the reactor section to less than 300 degree C in less than 0.1 second; characterised in that

d) after separating the product stream from the heat carrier, passing the heat carrier through a separate heat carrier heating means in which the heat carrier is heated; and

E) recycling the heat carrier from the separate heat carrier means through a recirculation line into a constriction section which accelerates the heat carrier to the mixing section.

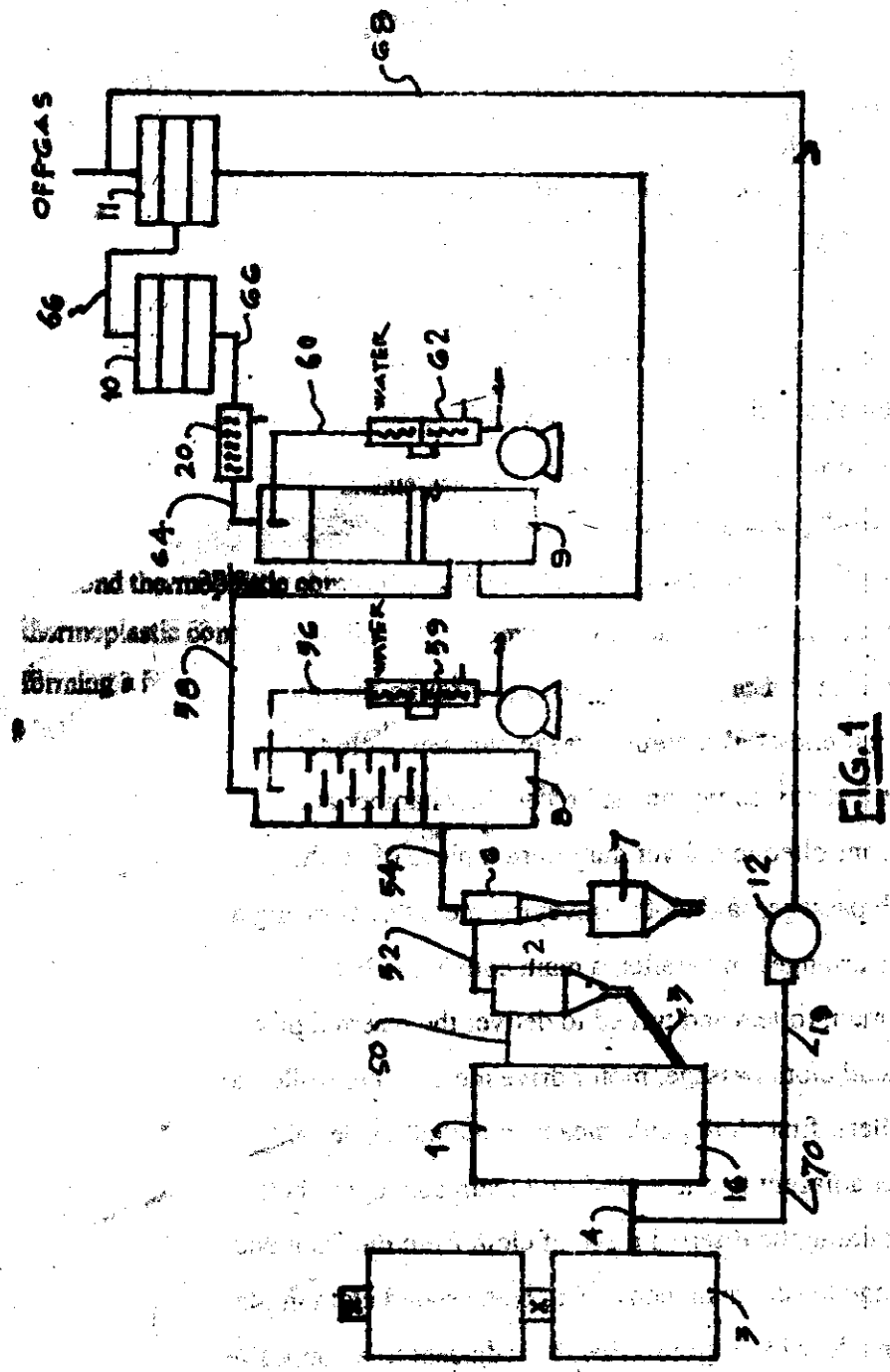


FIG.1

Complete Specification : 51 pages. *Drawing :8 sheets*

Int. Cl[7] : D06B 3/28

194889

Ind. Cl : 62B
Title : DYEING MACHINE WITH CLOTH CONVEYER MEANS.
Applicant : CHI-LUNG CHANG OF 121 SEC. 1 MIN-SHENG N. ROAD KUI-SHAN H SIANG , TAO-YUAN HSIEN, TAIWAN, REPUBLIC OF CHINA.

Inventor : CHI-LUNG CHANG

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

5CLAIM

A dyeing machine comprising a receiving chamber, a cloth passage disposed in combination with said receiving chamber through which a piece of cloth is inserted and dyed, a jet nozzle suspended above a front end of said cloth passage and controlled to spray a dyeing solution for dyeing the inserted piece of cloth, and a cloth guide roller suspended above said jet nozzle and turned to guide the inserted piece of cloth from the front end of said cloth passage through said jet nozzle toward a rear end of said cloth passage, wherein a cloth conveying means is mounted within said receiving chamber at a bottom side and controlled to deliver the inserted piece of cloth through said cloth passage, said cloth conveying means comprising a set of main rollers arranged in parallel, a main conveying belt mounted on said main rollers and turned to deliver the inserted piece of cloth through said cloth passage, motor drive means, , controlled to turn said main rollers, first cloth guide means mounted inside said receiving chamber adjacent to one end of said main conveying belt and adapted for guiding the inserted piece of cloth from the front end of said cloth passage to said main conveying belt, second cloth guide means mounted inside said receiving chamber adjacent to an opposite end of said main conveying belt and adapted for guiding the inserted piece of cloth from said main conveying belt to the rear end of said cloth passage.

Complete Specification : 8 pages. ***Drawing :3 sheets***

Int. Cl[7] : B02C 17/16 194890

Ind. Cl. : 94G
Title : AGITATOR MILL
Applicant : DRAISWERKE GMBH OF SPECKWEG 43-51, D-68305, NANNHEIM, FEDERAL REPUBLIC OF GERMANY.

Inventor : NORBERT STEHR.
Application no 1799/CAL/1998 FILED ON 09.10.1998
(CONVENTION NO. 19747474.8 FILED ON 28.10.1997 IN GERMANY)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

15CLAIMS:

An agitator mill for the treatment of free flowing grinding stock, comprising a grinding receptacle (3), an interior wall (10) of which defines a substantially closed grinding chamber (9); and an agitator unit (21), which is disposed rotatingly drivably in the grinding receptacle (3) and is cup-shaped relative to a common central longitudinal axis (20) and which comprises an annular cylindrical rotor (42, 42'), within which an interior stator (24) is disposed, tightly joined to the grinding receptacle (3); an annular cylindrical exterior grinding chamber (9') is formed between the interior wall (10) of the grinding receptacle (3) and an outer wall (43) of the rotor (42, 42'). and an annular cylindrical interior grinding chamber (9"), which is disposed coaxially within the exterior grinding chamber (9') and is connected with the latter by way of a deflection chamber (49), is formed between an inner wall (44) of the rotor (42, 42'), and an outer jacket (26) of the interior stator (24); agitator elements (51) is mounted on the outer wall (43) of the rotor (42, 42'), which project into the exterior grinding chamber (9'); the exterior grinding chamber (9'); the deflection chamber (49) and the interior grinding chamber (9") constituting the grinding chamber (9) partially filled with auxiliary grinding bodies (41); a grinding stock supply chamber (53), which is disposed upstream of the exterior grinding chamber (9') and opens into the latter in the direction of flow (52) of the grinding stock, is and a separating device (34), which is disposed downstream of the interior grinding chamber (9") in the direction of flow (52) of the grinding stock is disposed approximately on the same side of the grinding receptacle (3) for the grinding stock to pass through; and bypasses (57, 57'is provided in the agitator unit (21) for the return of the auxiliary grinding bodies (41) from the vicinity of the separating device (34)

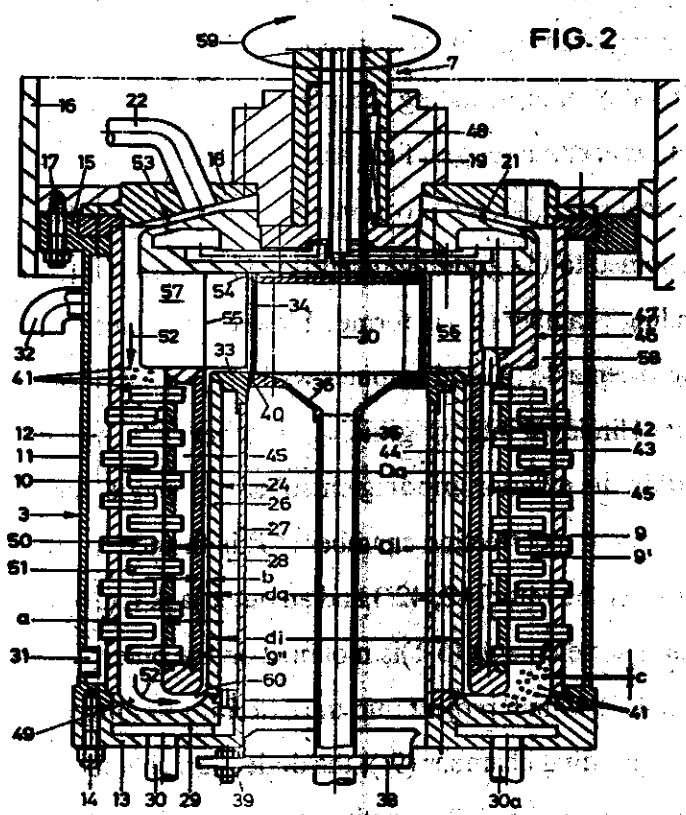
into the vicinity of the grinding stock supply chamber (53), the bypasses (57, 57') connecting the end of the interior grinding chamber (9") with the beginning of the exterior grinding chamber (9'), characterized

in that the interior grinding chamber (9") has the shape of an annular gap, constituting a grinding gap;

in that the cross-sectional surface of the exterior grinding chamber (9') considerably exceeds the cross-sectional surface of the interior grinding chamber (9"); and

in that the inner wall (44) of the rotor (42, 42') and the outer wall (26) of the interior stator (24) are smooth, free from agitator elements.

FIG. 2



Complete Specification : 19 pages. *Drawing : 3 sheets*

OPPOSITION PROCEEDING (U/S. 25)

(1)

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the Application No. 191670 (1379/Del/95) of M/s. Honda Giken Kogyo Kabushiki Kaisha, Japan has not been proceeded with and stands withdrawn.

(2)

The opposition as entered by M/s. Procter & Gamble Far East Inc., Japan to the grant of a Patent on Application No. 192002 (750/BOM/1998) made by M/s. Hindustan Lever Ltd., Mumbai as notified in the Gazette of India, Part III, Section 2 has been dismissed and it is ordered that the application for Patent No. 192002 shall proceed to sealing in the prescribed manner.

(3)

An opposition has been entered by M/s. Whirlpool of India Limited, New Delhi-110 001 to the grant of a Patent on Application No. 192702 (749/BOM/1998) made by M/s. Hindustan Lever Limited, Mumbai-400 020.

(4)

An opposition has been entered by M/s. Cadila Healthcare Limited, Ahmedabad-380 015 to the grant of a Patent on Application No. 192711 (57//MUM/2002) made by Mr. Ketan R. Patel, Ahmedabad-380 015.

AMENDMENT UNDER SECTION 20(1)

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 the application of Patent No. 1542/Del/1994 dated 28/11/1994 made by "PRAXAIR TECHNOLOGY, INC., has been allowed to proceed in the name of "PYROTEK, INC.,"

RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application for restoration of Patent No. 182958 made by ABB Patent GmbH on 12.04.2004 has been allowed and the said Patent is restored.

PATENTS SEALED ON 05.11.2004/KOLKATTA

192411 192412 192415 192416 192418 192419 192421 192428 192431 192434 192437 192441 192448 192450 192451 192453 192454 192455 192458 192459 192461 192462 192464 192467 192469 192782 192783 192784 192785

KOLKATTA-30

Patents Sealed on 17/08/2004 (Patent Office Mumbai)

191532 192011 192014 192074 192076 192077 192081 192083 192087 192089 192111 192113 192116 192120 192133 192138 192141 192145 192146 192147 192148

Patents Sealed on 30/08/2004 (Patent Office Mumbai)

192071 192072 192079 192082 192117 192139

Patents Sealed on 29/09/2004 (Patent Office Mumbai)

191347 191356 191538 192003 192084 192090 192112 192115 192119 192135 192136 192140 192142 192150

PATENT SEALED ON 27-10-2004 (DELHI)

189430 189932 190793 190849 191080 191089 191162 191240 191265 191358 191486 191634 191746 191815 191824 191827 191921 191928

PATENT SEALED ON 11-10-2004 (DELHI)

190355 191803 191806 191812 191833 191839 191912 191913 192154 192155 192341 192352

REGISTRATION OF DESIGNS

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)

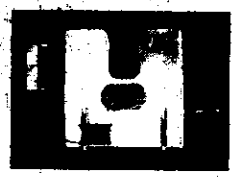
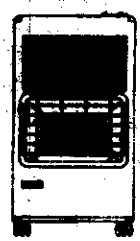
The dates shown in the following each entry is the date of registration.

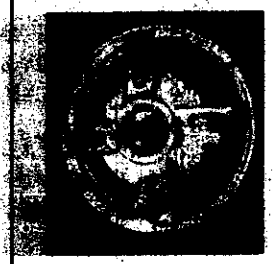
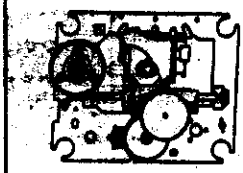
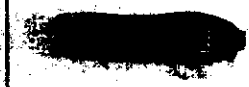
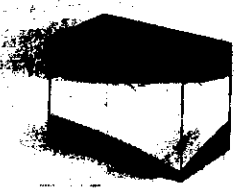
Class	09-01	No.194445. VEEPLAST HOUSEWARE PVT. LTD., OF SURVEY NO.655/1-A, DABHEL, NANIDAMAN-396210, UNION TERRITORIES, INDIA, "BOTTLE" 05.02.2004	
Class	07-01	No.194990. VEEPLAST HOUSEWARE PVT. LTD., OF SURVEY NO.655/1-A, DABHEL, NANIDAMAN-396210, UNION TERRITORIES, INDIA, "WATER JUG" 25.03.2004	
Class	08-07	No.194856. GODREJ & BOYCE MFG. CO. LTD., OF LOCKS DIVISION PLANT-18 PIRO-JSHANAGAR, VIKHROLI, MUMBAI:- 400 079, MAHARASHTRA, INDIA, INDIAN COMPANY. "LOCKING SYSTEM FOR PETROL FILLPIPE" 15.03.2004	
Class	08-07	No.194857. GODREJ & BOYCE MFG. CO. LTD., OF LOCKS DIVISION PLANT-18 PIRO-JSHANAGAR, VIKHROLI, MUMBAI:- 400 079, MAHARASHTRA, INDIA, INDIAN COMPANY. "CAMLOCK WITH J TYPE LEVER" 15.03.2004	

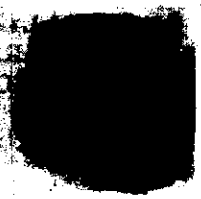
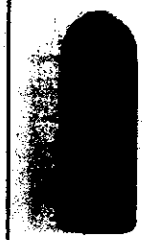
Class	26-04	No.194301. ELECTROPLAST ENGINEERS OF 101, NIRMAN INDUSTRIAL ESTATE, CHINCHOLI, LINK ROAD, MALAD(W), MUMBAI-400 064, MAHARASHTRA, INDIA. "LAMP HOLDER" 07.01.2004	
Class	13-03	No.194309. ELECTROPLAST ENGINEERS OF 101, NIRMAN INDUSTRIAL ESTATE, CHINCHOLI, LINK ROAD, MALAD(W), MUMBAI-400 064, MAHARASHTRA, INDIA. "3 WAY CONNECTOR" 07.01.2004	
Class	19-03	No.194445. CLARITY GOLD PVT. LTD. OF METRO HOUSE, 2ND FLOOR, M.G. ROAD, MUMBAI- 400 020, MAHARASHTRA, INDIA, INDIAN COMPANY. "GIFT COIN" 05.02.2004	
Class	19-03	No.194446. CLARITY GOLD PVT. LTD. OF METRO HOUSE, 2ND FLOOR, M.G. ROAD, MUMBAI- 400 020, MAHARASHTRA, INDIA, INDIAN COMPANY. "GIFT COIN" 05.02.2004	
Class	20-01	No.194110. CLARITY GOLD PVT. LTD. OF METRO HOUSE, 2ND FLOOR, M.G. ROAD, MUMBAI- 400 020, MAHARASHTRA, INDIA, INDIAN COMPANY. "GIFT COIN" 23.12.2003	

30-35761/04

Class	20-01	No.194109. CLARITY GOLD PVT. LTD. OF METRO HOUSE, 2ND FLOOR, M.G. ROAD, MUMBAI: -400 020, MAHARASHTRA, INDIA, INDIAN COMPANY. "GIFT COIN"23 DECEMBER 2003	
Class	08-07	No.194858. GODREJ & BOYCE MFG. CO. LTD., OF LOCKS DIVISION PLANT-18 PIRO-JSHANAGAR, VIKHROLI, MUMBAI- 400. 079, MAHARASHTRA, INDIA, INDIAN COMPANY. "ULTRA CAMLOCK" 15.03.2004	
Class	26-04	No.194199. ELECTROPLAST ENGINEERS OF 101, NIRMAN INDUSTRIAL ESTATE, CHINCHOLI, LINK ROAD, MALAD(W), MUMBAI-400 064, MAHARASHTRA, INDIA, "LAMP HOLDER" 07.01.2004	
Class	09-01	No.194992. VEEPLAST HOUSEWARE PVT. LTD., OF SURVEY NO.655/1-A, DABHEL, NANIDAMAN, 396210, UNION TERRITORIES, INDIA, " WATER BOTTLE" 25.03.2004	
Class	09-01	No.194444. VEEPLAST HOUSEWARE PVT. LTD., OF SURVEY NO.655/1-A, DABHEL, NANIDAMAN-396210, UNION TERRITORIES, INDIA, "BOTTLE" 05.02.2004.	

Class	08-07	No.195172. VITTHAL SOMA GAWADE, OF FLAT NO.3, B-WING, GROUND FLOOR, DEVIPADA, BORIVALI (E), MUMBAI:-400 066, MAHARASHTRA, INDIA, "SEAL" 12.04.2004	
Class	13-03	No.194995. AEROLITE INDUSTRIES OF 5, SATI INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON(E), MUMBAI:-400 063, MAHARASHTRA, INDIA, "SWITCH" 25.03.2004	
Class	08-07	No.195022. GODREJ & BOYCE MFG. CO. LTD., OF LOCKS DIVISION PLANT-18 PIRO-JSHANAGAR, VIKHROLI, MUMBAI:- 400 079, MAHARASHTRA, INDIA, INDIAN COMPANY. "PADLOCK" 29.03.2004	
Class	23-03	No.194754. AYGAZ ANONIM SIRKETI OF BUYUKDERE CAD. NO. 145/1, AYGAZHAN 80300 ZINCIRLIKUYU-ISTANBUL, TURKEY, "HEATING STOVE" 04.03.2004	
Class	23-03	No.194755. AYGAZ ANONIM SIRKETI OF BUYUKDERE CAD. NO. 145/1, AYGAZHAN 80300 ZINCIRLIKUYU-ISTANBUL, TURKEY, "HEATING STOVE" 04.03.2004	

Class	12-16	No.193880. M/S. AUTO SHINE INDIA, AN INDIAN PROPRIETORY CONCERN AT ZB-21/487, DILSHAD GARDEN. G.T. ROAD, SHAHDRA, DELHI-110095, INDIA. "WHEEL COVER" 24.11.2003	
Class	14-01	No.194002. SONY KABUSHIKI KAISHA OF 7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN. "PICKUP FOR OPTICAL DISK PLAYER" 09.12.2003	
Class	04-02	No.193509. COLGATE-PALMOLIVE COMPANY OF 300 PARK AVENUR, NEW YORK, NEW YORK U.S.A. 10022, A US COMPANY. "FOLDABLE HANDLE" 10.12.2003 (RECIPROCITY, U.S.A.)	
Class	09-03	No.193959. MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN. "PACKAGE" 30.05.2003 (RECIPROCITY, JAPAN)	
Class	09-03	No.193965. MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN. "PACKAGE" 30.05.2003 (RECIPROCITY, JAPAN)	

Class	03-01	No.194436. V.I.P. INDUSTRIES LIMITED, 33-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004.	
Class	03-01	No.194438. V.I.P. INDUSTRIES LIMITED, 33-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 23.02.2004.	
Class	21-01	No.194631. MANOHAR TOYS (INDIA), AN INDIAN PROPRIETORSHIP FIRM OF 3132, GALI JAMADAR, BAHADURGARH ROAD, DELHI-110006, "TOY SCOOTER" 23.02.2004	
Class	09-05	No.194464. HINDUSTAN LEVER LIMITED AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI: -400 020, MAHARASHTRA, INDIA. "TABLET DISPENSER", 9.2.2004.	
Class	02-04	No.194478. TRELA FOOTWEAR EXPORTS PVT. LTD., OF ADDRESS D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA:-282 007, U.P.(INDIA). "SOLE FOR FOOTWEAR" 09.02.2004	

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Class	02-04	No.194480. TRELA FOOTWEAR EXPORTS PVT. LTD., OF ADDRESS D-36, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA [illegible], U.P. (INDIA). "SOLE FOR FOOTWEAR" 09.02.2004	[redacted]

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PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2004